

4526 I-35W
Alvarado, Texas 76009

Billy Jackson

817-648-0830
billyjack6199@icloud.com

OBJECTIVE

Seeking an internship for the summer of 2025

EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Mechanical Engineering
GPR: 3.17

May 2026

EXPERIENCE

Southern Star Tractor, Alvarado, Texas
Assembly Technician

May 2023 - August 2023
May 2024 - August 2024

- Mechanic.
- Loaded and unloaded equipment on trailers and ordered dealership yard.
- New equipment delivery driver.
- Assembled tractors, riding mowers, and farm equipment.
- Supplied and logged majority of company fuel rations.

Steel Station, Alvarado, Texas
Equipment operator

January 2020 – January 2024

- Operated a forklift loading and unloading customers' trailers with building materials.
- Transported trailers with materials for Steel Station.
- Sorted steel yard materials for ease of access.
- Operated heavy machinery: Bulldozer, excavator, and skid steer for landscaping dirt work.

Jackson Brothers Cattle Co, Alvarado, Texas
Business Partner

September 2009 – May 2016

- Labored to create and grow the company from \$250 to over \$14,000.
- Raised 50 head of cattle to sell to local buyers as grass-fed beef.
- Monitored expenses, and profit, and calculated the future amount of product needed to be purchased at the beginning of each year.

ACTIVITIES

Arms of Hope

January 2024 – January 2024

Donation organizer

- Accompanied *Aggies for Christ* and assisted *Arms of Hope* in filtering and organizing donations.
- Spent time playing with and encouraging orphan kids.

SERVICE

Let's Start Talking

July 2016 – June 2016

- Traveled to Murcia, Spain to teach high school-aged children how to speak and read English.

SKILLS

Employee-to-customer interaction. Problem solving. Plentiful experience working on small and large engines. Experience assembling and repairing machinery hydraulic systems.

Interested in technical at SIT
potentially sales/project management

Nicholas Wright



(817) 371-9642 • Southlake, TX • 45nickwright@gmail.com

EDUCATION

Texas A&M University

Bachelor of Science in Mechanical Engineering

Minor in Business

College Station, Texas

December 2024

Cumulative GPA: 3.30/4.00

PROFESSIONAL EXPERIENCE

Cornerstone Financial Services

Administrative Manager, Client Relations Manager

Remote

April 2024 – Current

- Managed the company's income statement, tracking over \$30,000 in expenses, including advertising, travel, and process outsourcing, and projected a minimum of six figures in income through policy commissions by the end of the fiscal year
- Developed and managed the company's CRM in Microsoft Excel for over 40 clients, with an expectation to reach 200+ clients by the end of the fiscal year
- Managed outreach to warm leads, scheduled virtual and in-person meetings with financial advisors via email, text, and phone calls, and processed clients' financial documents
- Reduced workload by taking over various tasks from two advisors, maintaining consistent communication, and driving tasks and action items to completion

Affinity Waste Solutions

Area Lead

College Station, Texas

May 2024 – August 2024

- Started the summer as a trash porter and was promoted after two weeks to area lead, assuming responsibility for all contractors in the Bryan/College Station area, thereby relieving the Houston lead of these duties
- Managed 4 porters across 4 apartment complexes by leading and assisting in their daily duties and filling in during conflicts
- Assisted management in hiring 3 porters and promoting one as my replacement at the end of my employment

Flex Ltd.

Facilities Industrial Engineering Intern

Austin, Texas

May 2023 – August 2023

- Supported the Facilities Team with the installation of manufacturing lines for a new customer across a 200,000 ft² production facility by reducing senior engineers' workloads and leading on-site problem-solving tasks
- Aided in the intake and installation of production machines by developing dimensionally accurate CAD footprint models for each machine to ensure the validity of production floor plans
- Led the tagging of arriving machines to assist the rigging crew in improving the efficiency and accuracy of machine and utility installation, resulting in the accurate and timely installment of high-volume SMT and conformal coating production lines

LEADERSHIP & INVOLVEMENT

Sit-Ski Assistive Device (Capstone)

CAD Lead

College Station, Texas

January 2024 – Current

- Tasked with designing and manufacturing a device to help sit-ski users recover from a fallen position, enhancing the independence of individuals with physical disabilities, in a project sponsored by the Texas A&M Department of Mechanical Engineering
- Led the team in CAD design processes, specifically redesigning the housing for drill components to drive an in-line actuator

Sigma Chi Fraternity – Eta Upsilon

Member and Former Officer

College Station, Texas

August 2020 – Current

- Philanthropy Chair – Led fundraising efforts, raising over \$100,000 for the Huntsman Cancer Foundation during the 2022-2023 school year, setting a current chapter record through the implementation of member outreach programs and incentives
- House Manager – Managed the maintenance and renovations of the chapter house during the 2021-2022 school year, accommodating over 30 members

SKILLS, ACTIVITIES & INTERESTS

Skills: SolidWorks, AutoCAD, Python, Microsoft Office

Activities: Texas A&M Men's Lacrosse Team 1st String Goalie, STUMO

Awards: Gray Alton Marsh Leadership Award, High School Magna Cum Laude, SCLA 2020 Academic Scholarship

Interests: Jesus, Weightlifting, Hunting, Motorcycles

(10) Very smart
huge project history
lots of design experience

Brian Goulden-Brady

Dear Hiring Manager,

I am interested in an entry level engineering position. I believe with my extensive hands-on experience and current education, I would be an exceptional addition for your company.

I am currently a junior at Texas A&M University-Kingsville majoring in Mechanical Engineering with a minor in Aerospace. Throughout school, I have taken multiple courses in 3D rendering, such as SolidWorks, AutoCAD, Fusion 360, and Revit. I have used these skills past the classroom. Such as designing a headache rack, creating discontinued interior parts for my vehicle, and many 3D printed parts. My designs made way for opening up an Etsy store, where I sell a few of my products, like a universal car cup holder to fit oversized bottles and mugs. It is a modular system, where the base remains the same while the upper cradle, that holds the bottle, changes. It's called "ArcticGrip." My Etsy store is called Blue Marlin Dynamics where you can view this product as well as my others. Here I am always adding new innovative solutions.

I enjoy working on vehicles. I have replaced, modified, repaired and rebuilt just about everything on my truck. From basic maintenance to rebuilding an engine I have done it. In addition to cars, my current passion is motorcycles. I have bought, built, and customized numerous ones. A past motorcycle, I made it a cafe racer, this included fabricating a battery tray, shorting the frame, trimming the fenders, and creating a tailor-made wiring harness. I am driven by the challenge each project brings.

My past job, Veoride, is a micro mobility company that rents electric scooters and bikes through an app on Texas A&M campus. I built, repaired, as well as serviced them. I have been through the whole process of these vehicles, from first assembling, to testing, and deploying them in the field. I look at Veo scooters in a different way. I learned how they function and see improvements which could be done. My experience as a fleet technician helped me acquire technical knowledge and curiosity for improvement which would benefit your company.

My attached resume will include more about my skills and work experience, however I would appreciate the opportunity to meet with you at your convenience to discuss my application. If you would like any additional information about myself, my phone number is 512-853-1364, or email me at briangouldenbrady@gmail.com.

Sincerely,

Brian Goulden-Brady BGB

Brian Goulden-Brady

Timothy Gnalian

(210) -529-0600 | ttgnalian@gmail.com | San Antonio, Texas

Intern
San Antonio

Education

Texas A&M University, College Station, TX

Dec 2025

Bachelor of Science in Manufacturing and Mechanical Engineering

Relevant Coursework: Strength of Materials, Fluid Power Mechanics, Engineering Graphics, Thermodynamics, Metallic Materials, Manufacturing and Assembly Processes.

GPA: 3.25 | 4.0

Experience

Department of Defense, San Antonio, TX

May 2023 – August 2024

Contract Specialist Intern

- Assisted in drafting and revising contracts, ensuring compliance with DoD regulations and policies.
- Performed market research to find possible vendors, aiding in the procurement procedure.
- Provided administrative support during the contract award process, enhancing operational efficiency.

Undergraduate Research, College Station, TX

Jan 2023 – May 2023

Research and Development Student

- The goal of the research is to identify what effects are caused by adding carbon fibers in plastic samples that have been 3D printing.
- Examined and compared the mechanical properties of various test samples by looking at the yield strength, ultimate strength, proportional limit, and fracture point.
- Collaborated with a research team to discuss relevant information and do tasks that were within the project's parameters.

Emerald Oaks Retirement Resort, San Antonio, TX

Nov 2020 – June 2024

Guest Service Specialist

- Assisted the kitchen crew in delivering orders on time and accurately, which helped to provide a wonderful dining experience.
- Recognized the needs of the visitor and made customized recommendations, which increased client satisfaction and encouraged return business.

Projects

TAMU Fluid Power Club, College Station, TX

Oct 2023- Ongoing

President

- Oversaw the development and implementation of practical projects that give members real-world experience with fluid power systems.
- Formed partnerships with significant clubs in academia to further the club's objectives and increase its prominence on campus.
- Worked with the capstone team to create a hydraulic bike to secure 3rd place in the competition.

Skills, Training, Certification

- Technical: Inventor, Fusion, Microsoft Excel, PowerPoint, and Word

Organizations

- TAMU Fluid Power Club
- Society of Manufacturing Engineering
- PAID TAMU
- Veterans Affairs Hospital Volunteer

Vince Young

vinceyoung@gmail.com ❖ (832) 853-2153 ❖ www.linkedin.com/in/vinceyoung

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ME Intersted

EXPERIENCE

Emerson

May 2024 – Aug. 2024

R&D Engineering Intern

Houston, TX

- Designed, tested, and manufactured 2 testbed brackets for the popular 470XA & 700XA Gas Chromatographs for internal use at US and global Emerson sites.
 - Provided rapid & efficient engineering; ~4 weeks from conceptual sketches to manufacturing.
- 3D printed 12+ prototypes/parts using SLA & FDM 3D printers.
- Drafted 4 engineering drawings containing critical dimensions, bill of materials, and step-by-step exploded view instructions for manufacturing and assembly of the testbeds.
- Independently assembled and wired 6 testbeds, utilizing machine tools and soldering.

BouMatic

Jun. 2022 – Jul. 2022

Engineering Intern

Houston, TX

- Rapidly designed components in CAD for BouMatic's Neck Tag product under BouMatic's head of R&D.
- 3D printed 10+ prototypes in the span of 2 months as part of an efficient, iterative design process.
- Catalogued and studied 300+ products returned by customers to identify component flaws and rectify them with subsequent design iterations.

Langham Creek HS Technology Student Association

Sep. 2021 – May 2023

- Utilized CAD and 3D printing to create prototype models that placed 3rd on the state-level and earned multiple 1st place awards on the district-level.
- Led and organized a team in conceptualizing, creating, and refining a 1st place STEM children's book for district competition, overseeing & adapting to diverse tasks ranging from story writing to physical book construction.

Langham Creek HS Robotics

Sep. 2020 – May 2022

Lead Mechanic

Houston, TX

- Competed and placed 1st on the district-level, advancing to the state-level.
- Oversaw and led the engineering & design team as the Lead Mechanic in developing functional drive trains, gear trains, and other complex mechanical components.

EDUCATION

Texas A&M University

Expected Graduation: May 2027

Bachelor of Science in Mechanical Engineering

College Station, TX

- 4.0 GPA
- Member of the Society of Asian Scientists and Engineers (SASE)

Lone Star College

Sep. 2020 – Aug. 2024

Awaiting Associates of Science

Houston, TX

- 3.94 GPA.
- Applied to graduate with an Associates of Science. Attended 64 credit hours of classes.

CERTIFICATIONS & SKILLS

- **Certifications:** Autodesk Certified User: Inventor.
- **Skills:** SolidWorks, Autodesk Inventor, AutoCAD, Python, Microsoft Office.

MADISON RUSHIN

COLLEGE STUDENT

Very interested in technical sales

very sociable 

CONTACT

469-500-7900

Personal: madrushtx@gmail.com

School: madisonrushin@tamu.edu

Mainly interested in SIT

EDUCATION

TEXAS A&M UNIVERSITY COLLEGE STATION

Degree in Materials Mechanical Engineering Technology

College Station, TX | 2024- Present

TEXAS A&M UNIVERSITY CORPUS CHRISTI

Degree in Materials Mechanical Engineering Technology

Corpus Christi, TX | 2023- 2024

EXPERIENCE

CAMP COUNSELOR

Allaso Ranch

Hawkins, TX | 2024

- Supervised and guided a group of 15-20 children, aged 12-14, ensuring their safety and well-being during all camp activities.
- Coordinated with fellow counselors and camp leadership to ensure smooth operations and adherence to camp policies and procedures.
- Developed and implemented creative programming to engage campers and enhance their social and interpersonal skills.

ORGANIZATIONS

PANHELLENIC SORORITY

Pi Beta Phi

Texas A&M University

Active member 2024-Present

ACHIEVMENTS/ EXPERTISE

- TAMUCC Fall 2023 & Spring 2024 Deans List
- 3.89 GPA
- CAD in Autodesk Inventor
- Python

SKILLS

- Group and Individual Instruction
- Strong Leadership
- Adaptability and Dependability
- Customer Service
- Child Supervision

Interested in project management
very experienced ⑨

MUHAMMAD AHMED SALMAN

• Sugarland, TX, 77479 • US Citizen/Resident • 832-800-9750 •
• ahmedsalmantx@gmail.com •

EDUCATION

Texas A&M University, Industrial & Systems Engineering Major

Expected to graduate May 2026

- Minor in Engineering Project Management
- Member of the Institute of Industrial and Systems Engineers (IISE)
- Member of the Society of Petroleum Engineers (SPE)

William P. Clements High School, STEM Endorsement

Graduated June 2022

- Certification in Autodesk Inventor and experience with Autodesk Revit
- Certification in Occupational Safety and Health Administration (OSHA) training
- Member of the Student Council

EXPERIENCE

LMKR – Data Analytics Intern

Summer 2024

- Training in advanced data management techniques using MS Excel, focusing on data warehousing concepts and ETL processes to streamline and optimize data workflows
- Developing expertise in data visualization and analysis using MS PowerBI; designed and implemented interactive dashboards that streamline reporting and support decision-making

IBM – SQL Certificate for Data Science

Summer 2024

- Learned relational database management skills through proficient use of DDL and DML commands, facilitating table manipulations and data operations
- Enhanced data querying capabilities by integrating SQL with Python for database analysis

Air Force Association - CyberCamp

Summer 2021

- Learned the basic fundamentals of cybersecurity
- Applied cybersecurity strategies in preparation for AFA's CyberPatriot National Youth Cyber Defense Competition

Stretch Lab – Front Desk

January 2021 – June 2021

- Enhanced customer management by organizing client data in Excel and supporting the manager in daily operations
- Boosted sales and client engagement as a sales associate through effective promotion and selling of company services

SKILLS

- Data Analytics – MS Power BI, SQL (Structured Query Language), Excel (Advanced), Google Sheets
- Programming Languages – Python, Visual Basic, R, JavaScript, MATLAB
- CAD Software – SOLIDWORKS, Autodesk Inventor, Autodesk Revit
- Microsoft Office – Proficient in MS Office (Excel, Word, PowerPoint)
- Language Fluency – English, Urdu, Hindi

EXTRACURRICULAR ACTIVITIES

- Currently working at the Texas A&M University Recreational Center overlooking Intermural Sports
- Coordinated and managed multiple successful events and activities over the course of 2 years as the Event Coordinator of the Muslim Student Association at William P. Clements High School
- Volunteered at the Fort Bend ISD Annex Center spending 40+ hours assisting workers, helping set up teacher seminars and running errands

Technical/Engineering at SJT
located close to Cullen
⑧

Brendan Rodnicki

(713) 253-7981 | College Station, TX | brenrod0305@gmail.com | [linkedin.com/in/brendan-rodnicki-53ab652b0/](https://www.linkedin.com/in/brendan-rodnicki-53ab652b0/)

EDUCATION

Klein Cain High School

High School Degree

Klein, Texas

May 2022

Cumulative GPA: 5.2

Texas A&M University

MMET (Bachelor of Science in Manufacturing & Mechanical Engineering Technology)

May 2026

College of Engineering

Cumulative GPA: 3.0

WORK EXPERIENCE

Rec Sports at A&M

Strength & Conditioning Attendant

College Station, Texas

May 2024 - Current

- Running and cleaning Rec Centers across campus, making sure Patrons are satisfied and helping with individual workouts, and utilizing communication skills and teamwork.

Worthleys Appliances

Appliance Installer Ride Along

Tomball, Texas

December 2022 - August 2023

- Trained and experienced installation of home appliances, understanding of appliance design, and focus on customer service and satisfaction.

Wolfies Sports Bar and Restaurant

Barback & Foodrunner

Tomball, Texas

June 2020 - August 2023

- Managed bar with focus on customer service and satisfaction, maintaining quality of drinks, team and leadership skills, and communication between management and staff.

LEADERSHIP & ACHIEVEMENTS

Aggie Vanguard

Leadership and Brotherhood Organization

College Station, Texas

September 2023 - Current

- Brotherhood revolving around developing social, service, and leadership values within its members through selfless acts of volunteering, fundraising, and brotherhood values.

Klein Cain High School Band

Section Leader

Klein, Texas

August 2019 - May 2022

- Entrusted with communication between section and Directors, building bonds between section members, and nurturing future leaders within the section.

KCHS National Honor Society

Klein Cain High School

Klein, Texas

April 2021

- Inducted under circumstances of being in top 10% of students, showing selflessness inside and outside classroom, and continuing to be a leader within schools community.

SolidWorks Certification

Klein Cain High School

Klein, Texas

March 2022

- Completed and passed the SolidWorks Certification exams showing knowledge and understanding of the Solidworks program.

SKILLS & INTERESTS

Skills: Team Oriented, Mathematics, Fast Learner, Communication, Python, AutoCAD, SolidWorks

Interests: Music, Reading, Electronics, Bodybuilding, 3D Design

Very interested in
Fluids.

Sean Michael Jones
24823 Fairway Springs, San Antonio, TX 78260
seanjonesksat@gmail.com, smjones0930066@tamu.edu
(210) 326-8291

Looking for full time
engineer
role

Objective

Highly motivated mechanical engineering student with diverse knowledge in engineering design, fluid analysis, heat analysis, and CAD modeling seeking full-time employment to contribute problem-solving, analytical, and communication skills.

Education

Texas A&M University, Dwight Look College of Engineering, College Station, Texas
Mechanical Engineering Major, Math Minor
Expected Graduation: December 2024 GPA: 3.50

Ronald Reagan High School, San Antonio, Texas
High School Diploma June 2020
Summa Cum Laude with GPA: 102.79

Work Experience

Hacienda Custom Homes, San Antonio, Texas, May-August 2019 -2022

- Ensured speedy construction of \$500,000+ luxury custom homes through framing, fencing, tiling, and painting.
- Enhanced the value of pre-built homes through renovation and cleaning.

Engineering Projects

National Security Innovation Network, College Station, Texas, January - December 2024

- Collaborated in the production of a military prototype used to save 1,000's of dollars of shipped air cargo through polymer-composite material testing and design, analytical impact deformation analysis, and simulated impact deformation.
- Managed engineering team with project communication skills through emails, in-person meetings, and scheduled virtual meetings.

Texas A&M University, Dwight Look College of Engineering, College Station, Texas, January - May 2024

- Created simulated lateral/longitudinal vehicle dynamics and automated vehicle steering/heading through coding in Matlab/Simulink.

Texas A&M University, Dwight Look College of Engineering, College Station, Texas, August - December 2024

- Led an engineering team in research of fluid dynamic and aerodynamic properties of golf balls through the use of flow visualization and wind tunnels.

Community Service

Sleep in Heavenly Peace - Delivered and assembled beds for low-income children in San Antonio. December 2021 and July 2022

San Antonio Food Bank - Sorted and packed pantry and hygiene products. August 2017, 2018, 2019

Skills

- **CAD Experience:** Proficient in Solidworks FEA and design, Ansys impact simulations
- **Machining and Tool Experience:** Skilled in lathe and mill metalworking, soldering, and welding
- **Coding Experience:** Literate in Matlab/Simulink, Python, and Excel

Brian Goulden-Brady

(512) 853-1364
briangouldenbrady@gmail.com

A senior at Texas A&M University-Kingsville, majoring in Mechanical Engineering with a math minor. Mechanically inclined individual with excellent oral and written communication skills. Seeking an entry level position in the engineering industry to apply past work experiences and current education in a new challenging environment.

EXPERIENCE

D.E.C. Makerspace Student Assistant, Texas A&M University-Kingsville, Kingsville, Tx

February 2023 - Present

Helping students/staff/community design, explore, and create, 3D printing, 3D modeling, laser engraving/cutting, soldering, embroidery, prototyping, tinkering, guided learning.

Reliability Engineer Intern, Citgo, Corpus Christi, Tx

May 2024 - August 2024

Internship in the reliability group, helped prevent failures and minimize downtime, created packages to replace or improve equipment, pipe calculations, field walkdowns, IFC packages, schedule meetings, calculating corrosion rates, live weld calculations, spec out equipment, calculated flow rates, excel.

HEART Peer Mentor, Texas A&M University-Kingsville, Kingsville, Tx

August 2022 - February 2023

Mentoring incoming freshmen in stem majors, teaching time management and study skills, social engaging with students at events, tabling, and hosting campus events.

Fleet Technician, Veoride, College Station, Tx

August 2021 - August 2022

Maintenance/fixing Veo scooters and bikes, moving/reporting misplaced Veos, driving company vehicles, changing batteries, and hosting tabling events.

Apprentice Electrician, In Charge Electrical, Austin, Tx

June 2021 - August 2021

Helping lead with new home electrical problems, repairing/fixing contractors mistakes, make ready homes for inspection, hot checks, and homeowner calls.

Retail Sales Specialist, O'Reilly Auto Parts, Bryan, Tx

February 2019 - June 2021

Opening/closing manager, helping customers find correct parts, resurfacing brake rotors on a lathe, retail and professional accounts, customer service, performing simple repairs to customer vehicles, counting the safe, bank runs, scheduling employees, and key holder.

SKILLS

- SolidWorks
- AutoCAD
- Fusion 360
- Revit
- Microsoft Office Suite
- TDLR Apprentice Electrician
- Welding
- Fabrication
- Prototyping
- TWIC

EDUCATION

Texas A&M University-Kingsville, Kingsville, Tx — *Mechanical Engineering with a minor in mathematics* **GPA- 3.5**

August 2022 - Graduation Dec 2024

Blinn College, Bryan, Tx — *General Engineering*

August 2018 - July 2022

Worked for ABS

99

interested in
maritime/offshore work

Matthew Kim

Houston, TX 77079 • 346 213-2492 • mattyk1234@tamu.edu • linkedin.com/in/matthewkim05

EDUCATION

Texas A&M University, College Station, TX
Bachelor of Science - Mechanical Engineering
GPA: 3.77/4.0

Expected May 2027

Trinity Classical School, Houston, TX

Awards: College Board National Hispanic Recognition Program, National Merit Scholar Commended, Certificate of Honorable Merit Magna Cum Laude in the National Latin Exam.

GPA: 4.53/5.0

EXPERIENCE

ABS (American Bureau of Shipping), Spring, TX

May 13 2024 - August 8 2024

Intern

- Created a user guide for accessing a new, virtual surveyor training tool
- Categorized the surveyor training information to finalize the development of the training tool
- Learned the rules and regulations of the maritime classification requirements.

Freshman Leaders in Christ, College Station, TX

August 18 2024 - Present

Staff

- Led a committee of 12 freshmen in service projects and meetings
- Planned multiple service events throughout the school year

Freshman Leaders in Christ, College Station, TX

September 25 2023 - May 2 2024

Freshman leader

- Organized socials with other freshman organizations on campus
- Attended service projects for the Bryan/College Station community

Blueprint Ministries, San Antonio, TX

July 9 - July 14 2023

Team Leader

- Led a 10 person team to repair and remodel dilapidated homes in downtown San Antonio for those families who could not afford making necessary repairs.

Midsouth Covenant Camp, Grapeland, TX

July 30 - Aug 5 2023

Counselor-in-Training and Counselor

- Planned games and activities for campers who came from low-income households.
- Wrote camper evaluations to help pastors assess and disciple the kids.

ACTIVITIES

American Society of Mechanical Engineers

October 2023 - Present

SKILLS

Python, Excel, Word.

Internship
HES

Carter Thomas Jensen

2201 Crescent Pointe Pkwy, Apt. 6207
College Station, TX 77845

832-791-6747
CarterJensen100@gmail.com

EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Mechanical Engineering
Overall GPA: 3.0

Expected Graduation: May 2026

Houston Community College, Spring Branch, Texas
Texas A&M Engineering Academy

Fall 2021 – Fall 2022
Transferred

RELEVANT WORK EXPERIENCE

Sine Wave Electric & Construction, College Station, Texas

Electrician Helper

August 2024 – Present

- Mapping out existing SCADA Control Systems for client (One-line, loop drawings).
- Removing unnecessary/outdated control system equipment.
- Installing lighting and power in Industrial settings.
- Assist Electricians on projects.

Emerson, McKinney, Texas

Test and Evaluation Engineer Co-op

January – June 2024

- Flow Tested pressure regulators and Built test setups on the flow lines.
- Diagnosed and Troubleshooted problems during test procedures.
- Analyzed Data in Excel.
- Programmed Data Analysis templates in Excel using VBA (Visual Basic for Applications).
- Automated Processes in Python and LabVIEW.
- Wrote Reports and adhered to NDA guidelines.
- Collaborated with Engineers and Clients to accomplish project objectives.

Uretek USA, Tomball, Texas

Engineering Summer Intern

Summer 2023

- Designed AutoCAD drawings for use in 10 Geotechnical Engineering projects.
- Researched method of measuring soil bearing capacity for pre & post-project analysis.
- Collaborated with Uretek sales reps. across the nation.

Chick-fil-A, Tomball, Texas

Manager

June 2022 – December 2022

Team Member

August 2021 – June 2022

SERVICE

Camp Blessing

July 2022

Volunteer Buddy Counselor – 24 hr. commitment over a 5-day term.

- Aided a camper diagnosed with Cerebral Palsy with daily tasks like dressing, eating, etc.

Camp Peniel

Volunteer Camp Counselor – 1-week term

Summer 2021 & 2022

Work Crew Volunteer – 2-week term

Summer 2021

CERTIFICATIONS & AWARDS

- Chick-fil-A Leadership Scholar – \$2500 Scholarship Award
- Harvard's CS50P – Introduction to Programming with Python
- NI LabVIEW Core 1-3 Courses

Chris Benton

832-595-4376 chrisbenton64@gmail.com

Internship
SIT on Hyd
&

EDUCATION

Texas A&M University - Corpus Christi
Bachelor of Science in Mechanical Engineering

December 2025

Del Mar College - Corpus Christi
Associate of Science in Mechanical Engineering

December 2022

TECHNICAL SKILLS

Software: AutoCAD, Autodesk Inventor, SOLIDWORKS, Multisim

Equipment: CNC plasma table/press brake, soldering iron, hydraulic hose crimper

RELATED EXPERIENCE

Electrical Technician, Striker Hydralink, (POCC), Eagle Lake, TX

April 2022-Present

- Assembled and repaired electronic systems for tugboats and bow thrusters at various ports.
- Reprogrammed microcontrollers in electronic systems for motor control to achieve desired outputs.

Hydraulic/Electrical Specialist, Striker Hydralink, Eagle Lake, TX

August 2019-Present

- Used schematics to build tank cleaning equipment and wire control panels.
- Assembled electrical and hydraulic elements for remotely operated tank cleaning systems.
- Assembled mechanical components based on technical drawings.
- Diagnosed and repaired electrical system faults.
- Assisted in creating more efficient ways to complete desired projects.

RELEVANT PROJECTS

3D Printing

Home Maintenance

Vehicle Repair

AUTOMOTIVE MAINTENANCE EXPERIENCE

Parts Specialist, O'Reilly Auto Parts, Corpus Christi, TX

August 2022-August 2023

- Assisted customers in finding the proper products for auto repairs: alternators, starters, evaporative emissions elements, ignition coils, etc.
- Assess Diagnostic Trouble Codes and educate customers on the components/systems related to repairs.

Automotive Technician, Don Elliott Autoworld, Wharton, TX

June 2016-July 2019

- Performed vehicle maintenance including electrical circuit repairs.
- Replaced and programmed microcontrollers, installed water pumps, alternators, and airbags, etc.

LEADERSHIP

Eagle Scout, Eagle Lake Municipal Airport, Eagle Lake, TX

July 2013

- Managed a team to refurbish the airport compass used for pre-flight instrument alignment checks.

PROFESSIONAL ORGANIZATION

ASME

Paulina Ormo Milli

paulinaormom@gmail.com | (786) 843-1603 | www.linkedin.com/in/paulinaormo | College Station, TX

Hyd Elect
8 Continuous Imp.
Quality

EDUCATION

Texas A&M University

Bachelor of Science in Industrial and Systems Engineering

Minor in Computer Science

College Station, TX

Dec 2024

GPA 4.0/4.0

WORK EXPERIENCE

Patterson UTI

Applications Engineering Intern

Conroe, TX

May 2024 – Aug 2024

- Developed a Power BI dashboard to streamline the creation of Quarterly Performance Reviews (QPR), reducing preparation time by over 90% and enhancing the accuracy of performance reporting.
- Designed and implemented interactive visuals to deliver actionable insights into drilling performance, enhancing data analysis and supporting investigative efforts.
- Integrated data from multiple sources, including APIs and SharePoint, to deliver real-time visualizations and KPIs.
- Created Python scripts to process and analyze data from Enverus, facilitating accurate calculations for well tortuosity and other drilling metrics, reducing processing time by over 95%.

BMW Manufacturing LLC.

VPS Industrial Engineering Co-op

Greer, SC

Aug 2022 – Dec 2022

- Led a team to reduce cycle times in the body shop framing lines by 11% through strategic relocation of spot welds.
- Conducted cycle time studies and created Power BI dashboards to facilitate continuous improvement and data analysis.
- Designed fixture for a gravity conveyor using Inventor and employed 3D printing to enhance ergonomics and comfort.
- Improved bin arrangements for four worker doors, optimizing parts layout and reducing cycle times.
- Updated Total Productive Maintenance audit criteria to align with new standards and performed monthly audits.

Agropecuaria Nivar C.A.

Rotational Internship

Maracaibo, Venezuela

Jun 2019 – Dec 2019

- Oversaw production planning for a feed manufacturer and improved productivity by 15% by using forecasts to prioritize feed production.
- Recorded inventory movements and maintained the Bill of Materials (BOM) using SAP Material Management module for over 100 raw materials, parts and components.
- Supervised poultry processing plant operations daily, focusing on process optimization.
- Enhanced pelletizing line efficiency by adjusting feed intake, humidity, and temperature, minimizing mill blockage by 10%.

RESEARCH

Texas A&M University

Research Assistant

College Station, TX

Aug 2024 – Present

- Conducting research on epidemic models, focusing on the estimation of population incentives and forecasting models.
- Collaborating with faculty to apply epidemic modeling techniques in R and improve forecast accuracy.

LEADERSHIP & PROJECTS

Venezuelan Student Association (Vice-President)

May 2023 – Present

- Revitalized the organization by spearheading a strategic shift, introducing new objectives and initiatives.
- Managed annual budget enabling effective allocation of resources for events that enhance member engagement.

IISE (Treasurer)

May 2023 – Jun 2024

- Planned and optimized budgets for the semester ensuring precise allocation of resources.
- Handled reimbursement and credit card payments, ensuring timely approvals for events and activities.

Data Analysis and Prediction (Project)

Apr 2024 – May 2024

- Developed Bayesian logistic regression models to analyze umpire call accuracy, optimizing performance with Lasso and feature selection, and validating results using LOO and WAIC.

SKILLS

Computer Skills: Python, Power BI, R Studio, SolidWorks, Inventor, C++, VBA, Microsoft Word, Excel, PowerPoint

Languages: Fluent in English and Spanish

DANIEL GRIFFIN

INTERVIEW
SIT

Bryan, TX | dgriffin4114@gmail.com
979.402.1096 | linkedin.com/in/dgriffin4114

Focused, persistent, and a quick learner with multiple years in customer service. Highly adaptable and willing to be applied in diverse roles. Seeking an internship or part-time employment at an engineering firm that will provide beneficial insight into engineering industries. Also seeking full-time employment upon graduation.

EXPERIENCE

THE SLEEP STATION | DELIVERY DRIVER

June 2022 – PRESENT

College Station, TX

Delivery driver for a local mattress retailer. Maintain consistent, organized schedule and accurate inventory. Customer service and satisfaction.

CHARTWELLS | FOOD SERVICE WORKER

June 2021 – August 2021

College Station, TX

Texas A&M University cafeteria beverage maintenance and food service assistance. Cleaning and tight scheduling. Customer service and satisfaction.

SIGN SOURCE INC. | WAREHOUSE HAND

March 2020 – August 2020

College Station, TX

Sorted and categorized various mechanical hardware. Maintained and organized workspace. Created and followed self-schedule.

EDUCATION

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING | TEXAS A&M UNIVERSITY

August 2023 – PRESENT

College Station, TX

- GPA 3.903
- Society of Flight Test Engineers

HIGH SCHOOL DIPLOMA | JAMES EARL RUDDER HIGH SCHOOL

August 2019 – May 2023

Bryan, TX

- GPA 5.302 – Top <1%
- 3rd Overall Class Ranking
- AP Capstone Diploma
- AP Scholar with Distinction ('23 & '22)

HOBBIES

- Automotive Maintenance
- Building Computers
- Sports
- Driving

CHARACTER REFERENCE

JARRAD MCLEOD | OWNER OF THE SLEEP STATION

jbm@thesleepstation.com | 713.420.3229

Akash Musale

(281) 543-1187 | akash.musale@go.tarleton.edu | <https://www.linkedin.com/in/akash-musale/>

Propulsion ST
Internship 8

PERSONAL STATEMENT

I am extremely interested in pursuing engine propulsion for airlines. I am highly motivated and determined to contribute to the advancement of aerospace technology, with a strong focus on innovative propulsion systems. My goal is to apply my skills and knowledge in mechanical and aerospace engineering to solve complex challenges in the aviation industry.

EDUCATION

Tarleton State University – Texas A&M University System - College Station, Texas May 2025

- *B.S. Mechanical Engineering, Minor in Aerospace Engineering* GPA: 3.02
- Relevant Coursework: Advanced Thermodynamics, Fluid Dynamics, Heat Transfer, Mechanical Vibration, Electric Circuits, Geometric Modeling, Design Process, Electricity & Magnetism Engineering, Engineering Statics/Mechanics/Dynamics, AutoCAD, MATLAB, Ansys Fluent, SolidWorks, Thermodynamics, Engineering Math Methods, Strength of Materials

WORK EXPERIENCE

Worldwide Oilfield Machine – Houston, Texas June 2024 – August 2024

Assembly, Welding and Controls Engineering Intern

- Disassembled, repaired, and reassembled 4" and 7" patented hydraulic and manual dual seal gate valves
- Contributed to the construction of a BOP (Blowout Preventer) unit for subsea applications
- Built control panels for the BOP unit, supporting both remote and on-site operations

Worldwide Oilfield Machine – Houston, Texas June 2023 – August 2023

Welding and Automated Hydro-testing Unit Intern

- Proficiently practiced welding techniques, encompassing GMAW/MIG, GTAW/TIG, and SMAW/Stick methods
- Demonstrated adeptness in operating the Arc 5 Automated Welding machine
- Strictly adhered to safety protocols and guidelines for the secure handling of heating equipment and metals, consistently referencing WPS before initiating tasks
- Attained expertise in the Automated Hydro-testing Unit and utilized it to author its operational manual

Worldwide Oilfield Machine – Houston, Texas June 2020 – August 2020

Controls Engineering Intern

- Collaborated with a dedicated team of four to fabricate intricate control panels, resulting in seamless valve control implementation
- Developed skills such as stainless-steel tubing, precision drilling, soldering, laser printing, bench grinder utilization, spot stud welding, and Ethernet cables assembly
- Catalogued and reported inventory for streamlined material restocking processes

ACTIVITIES AND LEADERSHIP

GE Aerospace August 2024

Explore Engineering virtual experience program on Forage

- Completed a job simulation where I advised on alternative energy sources for a hypothetical Aerospace team at GE
- Analyzed and compared diverse energy sources for propulsion systems, including cost, energy density, storage requirements, and how they impact design decisions
- Conducted in-depth research on bypass ratio and compression ratio and their impact on turbofan engine design, including fan diameter, noise, installation considerations, material limitations, and emissions implications
- Developed a technical presentation to effectively communicate the limiting factors associated with bypass and compression ratios that helped guide the decision-making for a next-generation propulsion system at GE Aerospace

NASA TSGC Design Challenge – Tarleton State University September 2023 – May 2024

Lunar Personal Electric Vehicle (LPEV) Design Challenge

- Collaborated with a group of six students, one faculty advisor, and two NASA mentors
- Developed a prototype to put up at the showcase held in front of 150-200 individuals
- Delivered poster and verbal presentations to NASA engineers/mentors, other university's faculty members, and judges. Ultimately winning second place among 19 other universities

Very Interested in project management ⑧

BRYCE LYDICK

922 Midland Creek Drive, Southlake, Texas | (817) 371-0052 | brycelydick@gmail.com

Dedicated mechanical engineering honors student pursuing a summer 2025 internship to learn and grow in valuable technical skills.

EDUCATION

Texas A&M University | College Station, TX
Bachelor of Science: **Mechanical Engineering**
Minor: Engineering Project Management

Expected Graduation May 2027

- *Engineering Honors Student*
- GPA: 3.807

EXPERIENCE

Sky Ranch Summer Camps | Van, TX

May 2024 - August 2024

Senior Assistant Counselor

- Supervised and mentored 150+ 11-year-olds throughout the summer, fostering a safe environment conducive to personal and character growth
- Taught a daily Bible study catering to spiritual development

Aggies Create | College Station, TX

August 2024 - Present

Product Design Consultancy: STOHD Outdoors

- Currently consulting with STOHD Outdoors on figuring out a feasible way to manufacture their redesigned modular-style Jeep Door
- CAD design and material research to optimize the structural integrity and cost-efficiency of a redesigned car door.

VEX Robotics Team 7110D Member | Southlake, TX

August 2021 - May 2022

Builder and Driver

- Built the chassis, drive train, and arm mechanics used in our robot
- Placed second in the VEX Texas State Competition and attended the VEX World Competition against 35 countries

Colleyville Evolution Soccer Club | Colleyville, TX

June 2019 - June 2023

Assistant Coach

- Coached 300+ players in various areas of the game
- Organized and led sessions unique to different skill levels as well as communicated with parents

PROJECTS

Engineering Analysis for Mars Exploration Rover

Fall 2024

Course Project - MEEN 357

- **Task:** Developed Python scripts to model and analyze rover dynamics, including DC motor behavior, gear ratios, and driving forces. Used root-finding methods to determine operational limits and visualized results through plots and surface graphs.
- **Skills:** Python programming, data analysis, engineering modeling.

EXTRA CURRICULAR & SERVICE ACTIVITIES

Beta Upsilon Chi | College Station, TX

August 2023- Present

Retreat Chair

- Organized and managed a weekend retreat for over 200 fraternity members, overseeing all aspects of event planning and execution.
- Managed a budget exceeding \$10,000, ensuring cost-effective allocation of funds while meeting all event goals.

White's Chapel United Methodist Church | Southlake, TX

August 2019 - July 2023

Mission Trips

- 200+ hours dedicated to construction and repair, landscape remediation, and painting in impoverished communities

ADDITIONAL INFORMATION

Computer Skills and Interests: Python, Robotics, Manufacturing, Consulting, Product Design, Soccer, Pickleball, Mountain Biking

Eduardo James Gomez

eduardo_james.g.a@icloud.com | +1 (956) 401-3542 | www.linkedin.com/in/eduardo-j-gomez

Inlen
SIT
8

Education

Bachelor of Science: **Mechanical Engineering**, Minor: **Applied Mathematics**

Texas A&M University Corpus Christi (TAMUCC) Overall GPA 3.0 | **Corpus Christi, TX** | **Expected to Graduate in Spring 2026**

Courses

Dynamics, C++, Circuit Analysis, MATLAB, Autodesk, Fluid Mechanics, Thermodynamics, Calculus, Statistics, Aerodynamics.

Skills

Software: AutoCAD, Autodesk Inventor, MATLAB, Microsoft Office Suite/ Excel

Machines: Lathes, Drills, Drill Press, Band Saw, Circular Saw, Jigsaw, Impact Wrench, Soldering, Chop Saw

Languages: English and Spanish

Other: Emergency Response, Calm Under Pressure, Data Management, Customer Service, Teamwork, First Aid, Lifeguard

Experience

Civil Engineer Intern **DYWIDAG Megaprojects (DSI)**- Corpus Christi, TX | May 2024 -Present

- Installed, calibrated, and read DANA force sensors for the Stay Cable Harbor Bridge, ensuring precise data collection.
- Executed strand stressing for cable installations using hydraulic jacks, adhering to safety protocols, and engineering standards.
- Compiled comprehensive stressing reports from sensor readings and cable lift-offs, contributing to project documentation.

City Engineer Shadowing **City of Lake Jackson** -Lake Jackson, TX | August 2023 (1 week)

- Sit in on meeting with Civil Engineers on city projects.
- Visited jobsites and discussed city projects mostly relating to drought and water treatment.

Architect Shadowing **Sepulveda Associates Architects, INC.**- Laredo, TX | June 2023 (1 week)

- Visited Job sites and went over building blueprint designs as well as Auto desk software.

Diesel Mechanic Assistant Shadowing **Advanced Diesel & Equipment Services** - Laredo, TX | December 2021

- Supported lead mechanics by completing routine repair work on vehicles.

Handyman **Self** - Laredo, TX | January 2019 – June 2022

- Basic roofing, electrical, plumbing, painting, and carpentry by operated hand and power tools to complete repairs.

Data Input Clerk **Laredo Premier Healthcare** - Laredo, TX | February 2019 – March 2021

- Scheduled appointments for patients via phone and in person, recorded patient medical vitals, updated charts.
- Collected forms, insurance information and coordinated patient information for billing and insurance processing.

Lifeguard **Laredo Country Club** - Laredo, TX | May 2022 – August 2022

- Watched over swimmers to respond quickly to distress situations and applied first aid when needed.

Accomplishments

Eagle Scout 2018

Leadership/ Activities

VP University Sailing Club/ Team | August 2023- May 2024

- Train and compete in 3-4 regattas/ semester with a team of nine sailors.
- Teach new sailors how to sail and race.

Member of ASME | August 2024 - present

Member of SHPE | August 2023 - present

National Society of Leadership and Success (NSLS) |January 2023 – present

Brazilian jiu-jitsu| May 2024 - present

Certifications

OSHA 30 – August 2024

EMR (Emergency Medical Responder certified) with BLS (Basic Life Support and Emergency Oxygen) 50-hour course - June 2023

Lifeguard with CPR and AED certified -June 2021, renewed August 2023

Yusuf Kalem

Interested in Project Management (8)

Houston, TX | 832-655-8256 | yusufktamu@gmail.com | [linkedin.com/in/yusufkalem](https://www.linkedin.com/in/yusufkalem)

EDUCATION

Texas A&M University
BS in Industrial Engineering, Minor in Project Management
Certificate in Holistic Engineering Leadership

College Station, Texas
Graduation Date: May 2026
GPA 3.42/4.00

WORK EXPERIENCE

Wichai Wittaya School
Volunteer Teacher

Chang Mai, Thailand
Jun 2024 - Jul 2024

- Developed and implemented lesson plans tailored to various learning levels and cultural backgrounds.
- Taught English and basic math to primary school students, enhancing their language and numeracy skills.
- Facilitated extracurricular clubs and activities, fostering creativity and critical thinking skills outside the classroom environment.
- Collaborated with local teachers to adapt teaching methods and improve classroom management techniques.

TEXANS DIAMOND

Digital Media and Operations Coordinator

Houston, Texas
Jun 2022 - Aug 2022

- Developed and optimized the user interface for the online storefront, contributing to a significant increase in on-site traffic and user engagement.
- Designed graphics for product development, marketing, and prototyping using Adobe Photoshop, enhancing the visual appeal and branding of the shop.
- Streamlined product management by reorganizing the existing database, creating serial barcodes, and implementing a system to estimate production time, improving operational efficiency.

LEADERSHIP EXPERIENCE

Zachry Leadership Program
Member of Cohort I

College Station, Texas
Dec 2023 - Present

- Selected as one of 32 participants for a highly competitive development program focused on cultivating leadership skills, teamwork, and ethical decision-making.
- Participated in interactive workshops, seminars, and group projects to enhance communication, problem-solving, and project management abilities.

Dialogue Student Association
Co-Founder and Event Coordinator

College Station
Dec 2023 - Present

- Co-founded a student club dedicated to fostering interfaith and intercultural dialogue among students through inclusive events.
- Organized and hosted banquet dinners for 100-200 students, creating a welcoming space for meaningful discussions on diverse cultural and religious perspectives.
- Coordinated logistics for large-scale events, including venue booking, catering, and event setup, ensuring a smooth and successful experience for all attendees.

Institute of Industrial & Systems Engineers (IISE)
Member

College Station, Texas
Aug 2024 - Present

- Participated in meetings with field engineers and engaged in professional development activities, including workshops and networking events, to gain industry insights and build connections.
- Attended guest lectures, conferences, and seminars hosted by IISE to expand knowledge and stay updated on industry trends and advancements.

PROJECT EXPERIENCE

Aggie Coding Club
Member

College Station
Dec 2022 - Dec 2023

- Developed a coding project to help students find relevant internships by building a web scraping tool that aggregates listings based on major, graduation date, industry interests, and preferred companies.
- Collaborated with a team to enhance coding skills and learn new technologies, including large-scale web scraping, web and API development, and Agile methodologies.
- Implemented efficient algorithms and data parsing techniques to ensure accurate and timely delivery of internship opportunities tailored to users' preferences.

SKILLS

Technical Skills: Microsoft Excel/VBA, MATLAB, Python, C/C++, SQL, AutoCAD, Adobe Photoshop

Relevant Coursework: Project Management for Engineers, Uncertainty Modeling for Industrial Engineering, Operations Research Human Systems Interaction, Quality Engineering, System Simulation, Production Systems Engineering



Caleb Bomer

Mechanical Engineer

SIT Mechanical 8

Profile

I am a Mechanical Engineer with a strong background in design and manufacturing. I possess hands-on experience with manual tools, mills, lathes, and CNC mills. I am proficient at SolidWorks along with most of its packages and I learn new software and engineering practices fast.

Employment History

Mechanical Engineering Intern at PCDworks, Brushy Creek TX

June 2024 — July 2024

Assisted with new product development consulting and problem solving. Used SolidWorks to model and Assemble machines for new product prototyping. Designed and built a vacuum former.

Media Intern at Athens Life Fellowship, Athens TX

May 2019 — July 2019

Worked with technical camera equipment and photo editing software to produce media for the church. Build and repair various elements of the church such as lighting and electrical systems.

House Framer, Coleman TX

June 2023 — August 2024

Follow plans to complete the interior framing of a house. Adapt to changes in design including the addition of an upstairs bonus room. Use heavy duty equipment with precision and accuracy.

Education

Bachelors in Mechanical Engineering, Texas A&M, College Station

August 2021 — May 2025

GPA: 3.737

Mechanical Engineering Technology, Trinity Valley Community College, Athens

August 2017 — May 2021

Advanced understating and hands on experience using SolidWorks and CNC machines to design and manufacture custom parts

Projects/Labs

Electronic Graph Mount/ Fishing Line Storage System/ Soft Plastic Worm Mold

- Design project using SolidWorks.
- Analyze parts so they can be machined with the available tools.
- Machine parts with CNC mill, manual mill, and manual lathe to tolerance of ± 0.001 ".

Details

Athens, Texas

903-922-1266

boldbomer@gmail.com

Graduation Date: May 2025

GPA: 3.731

Software Skills

SolidWorks, SolidWorks CAM, Fusion 360, Python, LabView, VDAS, Microsoft Office

Hardware Skills

3-axis CNC Mill, Manual Mill, Manual Lathe

Personal Skills

Leadership, Team Player, Quick Learner, Common Sense

Extra-Curricular Involvement

2023-2024 Bible-Study Leader at First Baptist Bryan

2022-2023 Public Relations Officer of the Texas A&M Bass Fishing Team

2021-2024 Member of the Texas A&M Bass Fishing Team

Summer 2023 mission trip to Osaka, Japan

2022 and 2023 Impact Camp Counselor

MADISON RUSHIN

COLLEGE STUDENT

Sales

Intern

8/1/28

CONTACT

469-500-7900

Personal: madrushtx@gmail.com

School: madisonrushin@tamu.edu

EDUCATION

TEXAS A&M UNIVERSITY COLLEGE STATION

Degree in Materials Mechanical Engineering Technology

College Station, TX | 2024- Present

TEXAS A&M UNIVERSITY CORPUS CHRISTI

Degree in Materials Mechanical Engineering Technology

Corpus Christi, TX | 2023- 2024

EXPERIENCE

CAMP COUNSELOR

Allaso Ranch

Hawkins, TX | 2024

- Supervised and guided a group of 15-20 children, aged 12-14, ensuring their safety and well-being during all camp activities.
- Coordinated with fellow counselors and camp leadership to ensure smooth operations and adherence to camp policies and procedures.
- Developed and implemented creative programming to engage campers and enhance their social and interpersonal skills.

ORGANIZATIONS

PANHELLENIC SORORITY

Pi Beta Phi

Texas A&M University

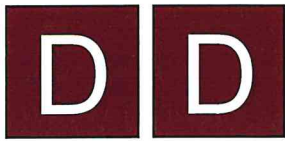
Active member 2024-Present

ACHIEVMENTS/ EXPERTISE

- TAMUCC Fall 2023 & Spring 2024 Deans List
- 3.89 GPA
- CAD in Autodesk Inventor
- Python

SKILLS

- Group and Individual Instruction
- Strong Leadership
- Adaptability and Dependability
- Customer Service
- Child Supervision



CONTACT INFORMATION

907 Cross St, Unit 713C
College Station, TX 77840

(254)-314-9001
ddegenhardt16@tamu.edu

LinkedIn: Dylan Degenhardt



MISSION STATEMENT

I strive to make the most of every opportunity with an optimistic, growth focused mindset. Effective mechanical design is a product of dedication and hard work, and I am committed to exhibiting these qualities as I work with others in professional and academic environments.

RELEVANT COURSEWORK

- Statics and Dynamics
- Thermodynamics
- Materials and Manufacturing
- Solid Mechanics
- Fluid Dynamics
- Geometric Modeling

HOBBIES & INTERESTS

- Coding
- 3-D Printing
- Fishing Lure Design
- Woodworking
- Competitive Sports
- Outdoor Activities

8-design engineer
Mechanical intern
Dylan Degenhardt ST

Mechanical Engineering Student
Texas A&M University Class of 2026

Hough

EDUCATION

Texas A&M University, College Station, TX

BS Mechanical Engineering
Class of 2026
GPA 3.85 *Spring 2024*

Central Texas Christian School, Temple, TX

Distinguished High School Diploma
Graduation: May 2022

KEY SKILLS

- CAD
 - SolidWorks
 - Autodesk Fusion
- Microsoft Excel
- Slicing Software
- LabVIEW
- Multisim
- Design
 - 3D Printing
 - Wood Carving
- Programming Languages
 - Python

STUDENT INVOLVEMENT/ WORK EXPERIENCE

Green Lab | Undergraduate Research Assistant College Station, Texas • 2024-ongoing

- The Green Research Team focuses on advancing the understanding and engineering capabilities of novel nanomaterials. My primary role is 3D printing resins loaded with carbon nanotubes through direct ink writing (DIW) printers. In addition, I cure thermo-reactive resins through various methods and perform mechanical testing to optimize the mechanical properties of the final part.

Impac Systems Engineering | Intern Temple, Texas • Summer 2023

- My primary job at ISE was technical support and upkeep on a variety of 3D printers, including HP, Intamsys, Big Rep, Meltio, Desktop Metal, and Rize printers. In addition, I worked to catalogue material attributes of various 3D printing filaments/metals and processed 3D printer builds to prepare parts shipment for client shipment. This opportunity exposed me to the practical applications of 3D printing and engineering design.

American Society of Mechanical Engineers College Station, Texas • 2023-ongoing

- ASME at Texas A&M has provided me with extensive learning experiences along with social and service events. The events have helped me connect with fellow students and hear from experts in my field. AMSE has broadened my understanding of mechanical engineering and helped me refine my interests.

Aggie Anglers College Station, Texas • 2022-ongoing

- Aggie anglers has connected a lifetime hobby of mine into a network of social connections. My interest in fishing has always been intertwined into my appreciation for design and manufacturing. I design fishing lures using 3D printing and wood, incorporating functional joints, bills, and precise weighting to achieve realistic action. This hobby has allowed me to be very creative with designs and has given me a practical sense for the design process.

Lawns and Landscaping Business Temple, Texas • 2018-2022

- Throughout high school, I ran a local lawn and landscaping business, which taught me valuable skills in scheduling and customer service. This experience also shaped my view on hard work and provided experience in generating fair appraisal and payments from many sources.

Mechanical bachelor
(Industrial Masters

Project management
8

Ajay Sabari Sampooranam Vinothan

Bryan, Texas | (346) 408-8393 | ajaysabari30@gmail.com | [linkedin.com/in/ajaysabarivsv](https://www.linkedin.com/in/ajaysabarivsv)

EDUCATION

Texas A&M University, College Station, Texas

Aug 2024 – May 2026 (Expected)

Master of Science in Industrial Engineering

College of Engineering Guindy, Anna University, Chennai, India

Nov 2020 – Apr 2024

Bachelor of Engineer in Mechanical Engineering

CGPA - 8.6/10

SKILLS

- **Software:** Microsoft Office Suite, Technomatix plant simulation, AutoCAD, CATIA, Ansys APDL
- **Technical:** Manufacturing Processes, TQM, Computer Integrated Manufacturing, Operations Management
- **Data Analysis:** Python, SQL, MiniTab
- **Certification:** Machine Learning by Infosys Springboard, Lean Six Sigma Foundations

TECHNICAL EXPERIENCE

Industrial In-Plant Trainee

Jul 2022 – Aug 2022

PSJ Metals, Dindigul, India

- Gained hands-on experience in **manufacturing technologies** and **operations management**
- Studied the value of **lean manufacturing** principles and **Six Sigma** methodologies in improving process efficiency
- Acquired proficiency in management tools including **Enterprise Resource Planning (ERP)** systems, forecasting techniques, and inventory control methods
- Collaborated **cross-functionally** with various departments, obtaining a holistic view of manufacturing unit operations

PROJECTS

Conducted experimental research on **optimizing** ceramic particle ratios to **enhance** the mechanical and microstructural properties of AA6061/SiC and CeO₂ composites using Friction Stir Processing (FSP)

- Achieved a **33% increase** in hardness to 60.1 Hv and a **32% improvement** in tensile strength to 197 MPa
- Enhanced wear resistance, with a **reduction** in wear rate to **1.12 x 10⁻⁵ g/m**, by refining the SiC reinforcement
- Validated the **effective nanoparticle distribution** and performance balance of reinforcement particles by SEM and EDS microstructural analysis

Designed and fabricated Friction Stir Welding (FSW) tool and performed experimental analysis on welding of dissimilar aluminum alloys AA6061 and AA2024

- Optimized FSW parameters, resulting in a **17% increase** in ultimate tensile strength (163.76 MPa) and a **20% improvement** in hardness (117 VHN)
- Found out tool parameters with square pin profile, 1100 rpm speed, and 45 mm/min feed rate yields optimum result by using **Taguchi orthogonal array** method
- Accomplished **9%** enhancement in signal-to-noise ratio and a **15%** reduction in **variability** across welds

LEADERSHIP

Student President

May 2023 – Apr 2024

The Society of Mechanical Engineers, Chennai, India

- Organized **Pinnacle**, a **national-level** event with 800+ attendees and **Ascension** (intra-college event), by achieving a **180%** increase in sponsorship amount from 10+ companies through strategic networking and pitching
- **Benchmarked** student body by implementing **TQM** principles; published new magazine – *Powerstroke*
- Led organizing workshops, professional development sessions, mentorship programs and alumni meet

ACHIEVEMENT

Finalist in **IDEA CRUNCH**, An Anna University Start-up Event

- Pitched a business model for **customized vending machines** designed for educational and medical institutions
- Identified a target market with a **14.9% CAGR**, an annual revenue potential of **\$350 million**, and a projected **35% ROI**

EDUCATION

Texas A&M University, College Station, TX

August 2023 – December 2026

- Cumulative GPA: 3.3/4.0, University Honors Student
- Institute of Industrial and Systems Engineers (IISE), Running Club

The King's Academy High School, Sunnyvale, CA

August 2019 - May 2023

- AP Scholar with Distinction (4.3 GPA), 12 AP Courses
- Eagle Scout, Team Captain of two varsity sports, Robotics mentor

EXPERIENCE

Founder and CEO - BlueHorizon Services and Solutions LLC, Irving, TX

July 2024 – Present

- Turned previous hobby of fixing and flipping (electronics, appliances, clothes, etc.) into a business
- Developing entrepreneurial skills, accounting terminology, on the fly problem solving

Engineering Internship - Precitec, Wixom, MI

May 2024 – August 2024

- Developed 4 prototype CAD models to support applications design team
- Created new technique for Python visualization of laser welding statistics
- Implemented 5S principles for organizing workplace and machining customized lab tools

Front Desk Attendant - Cuesta Tennis Center, Mountain View, CA

September 2022 – March 2023

- Developed strong interpersonal and organizational skills serving clients at a local tennis pro shop

Robotics Member and Mentor - The King's Academy, Sunnyvale, CA

August 2022 – May 2023

- Volunteered as the middle school robotics Mentor, competed in high school FTC Robotics team

SKILLS

-
- **Software-** Web Development, Python, Java, HTML, Solidworks CAD
 - **Machine Shop Experience-** Lathe machining, welding, 3D printing, CNC milling, soldering
 - **Accounting-** Quickbooks Online, P&L statements, Excel
 - **Microsoft Suites-** Powerpoint, Word, Teams, etc.

ACTIVITIES AND HONORS

-
- **Eagle Scout, Troop 103:** Senior Patrol Leader, Order of the Arrow, National Youth Leadership Training
 - **Marathon runner:** 2023 SF Marathon competitor, completed 4 half-marathons
 - **Team Captain of Varsity Cross Country:** Also competed in Track and Field, ran a 4:56 mile
 - **Team Captain of Varsity Tennis Team:** 2022 Varsity Team Award, competed in USTA
 - **FTC Robotics Individual Excellence Award:** Received division software award
 - **President's Volunteer Service Award Recipient – Gold**

Graduated Full-Time Project Management



BRANDON CHOI

www.linkedin.com/in/choi01
bchoi2202@gmail.com
(832) 855-4858

EDUCATION

TEXAS A&M UNIVERSITY, College Station, TX Received May 2024
Bachelor of Science in Industrial & Systems Engineering
Related Coursework: Fundamentals of IE Design, Informatics for Industrial ENG, Human Systems Interaction

EXPERIENCE

SUPPLY CHAIN INTERN May 2023 - Aug. 2023
PepsiCo

- Enhanced efficiency and execution of startup and shutdown checklists; resulted in over a 20% reduction in downtime during production and a 50% decrease in worker injuries
- Coordinated with team members to implement new procedures, leading to improved equipment readiness and increased operational efficiency
- Developed comprehensive entity maps of the plant layout and production lines, facilitating easy navigation and enhancing accessibility during maintenance and troubleshooting

PRESIDENT/TREASURER Aug. 2021 - May 2024
Omega Phi Gamma

- Led organization operations ranging from strategic planning, organizing over 50 events per year, coordinating with other organization leaders, and managing internal operations
- Planned and managed over 40+ members for 100-500 person events, delegating tasks to meet timelines, coordinating communications between other organizations, and minimizing financial impacts while maintaining happy customer relations
- Implemented supply chain knowledge and foresight to streamline material acquisition and event setup; saved over \$4,000 in event costs, all materials delivered on-time
- Responsible for overseeing and managing over \$10,000 in financial assets for organization of 40+ members; creating budgets, financing multiple events, increasing on-time payments and reducing missed payments

ASSISTANT MANAGER Dec. 2020 - May 2023
Fashion Q

- Oversaw and supervised team of 6+ workers in daily operations, employee scheduling, task delegation, store upkeep, employee training, and customer interactions
- Managed store operations with over \$500,000 in merchandise, stocked store supplies, tracked financial transactions, and ordered new inventory
- Responsible for over \$500,000 in merchandise and assets; reduced unaccounted-for-losses by 50%
- Significantly improved inventory management efficiency by improving employee training methods

STRENGTHS

Software: Highly Proficient in Python, Java, JavaScript, R, HTML, Microsoft Office
Skills: Strong Leadership, Verbal & Written Communication, Interpersonal, Problem Solving
Traits: Determined, Results-Oriented, Innovative, Resourceful, Adaptable, Optimistic

EXTRACURRICULAR

Leadership Roles: President, Secretary, Treasurer
Organizations: Institute of Industrial Engineers, Engineers Serving the Community

Interested in Sales

HYD

8

Business/Engineering

Alexander Luca Rimbau

Cell: (832) 552-2741 | Email: alexander.rimbau@gmail.com | LinkedIn: www.linkedin.com/in/alexander-rimbau

EDUCATION

Texas A&M University; College Station, Texas

Graduation: Dec 2025(prospective)

Major: Bachelor of Science in Technology Management, Minor in Business

College: Technology Engineering and Industrial Distribution; College of Engineering

GPA: 3.250

University Of Houston; Houston, Texas

Attended: Aug'2020- Dec'2022

SKILLS

Leadership

- Created an Air bnb business while taking 15 hours course load and working 25-30 hours at a restaurant
- Researched and toured over 100 locations to ensure that we chose the best property for our business
- Received praise from multiple supervisors on my ability to collaborate with a team of 30 or more people
- Strengthened a team of 3 to help generate over \$7000 in less than 3 months of opening up our business
- Managed a group of 5 to 10 people in a high-pressure environment whilst engaged with my own tasks

Technology Management

- Earned a 91% towards developing my skills in telecommunications facilities and network engineering
- Learned the foundations of management information and computational thinking such as coding languages
- Scored 100% on multiple high-pressure projects regarding network engineering and telecommunications
- Led a presentation in front of my class and professors on cyber-security and organizational/legal issues
- Familiarized with system administration like Unix and proactive and reactive maintenance of system health

Sales and Marketing

- Achieved a 90% in understanding the role of entrepreneurship, starting and building a successful business
- Studied empirical measures of a successful venture: balance sheets, profit/loss, and cash flow statements
- Developed numerous promotional presentations and ad content for company products while taking classes
- Served as a sales and marketing intern receiving first-hand experience at a Fortune 500 hundred company
- Established a door-to-door sales strategy to sell products that generated more than \$2,000 in revenue.

EXPERIENCE

Shift Lead; Clean Juice; College Station, TX

Feb '23 – May '23

Server Liaison; Joey Uptown; Houston, TX

Jun '21 – Jan '23

Sales and Marketing Intern; Greek House; Houston, TX

May '22 – Aug '22

Owner/Co-owner; Estate Heights; Houston, TX

Apr '22 – Jul '22

Committee Head/Member; Kappa Sigma; Houston, TX

Aug '20 – Aug '22

ACCOMPLISHMENTS

- Completed over 200 hours of community service in various locations within the last 4 years
- Created a personal website for Tech and End-User Support receiving a 100% for the project
- Obtaining 100% on all Labs and Projects regarding the UNIX System Administration Practice
- Maintained 100% Average on all Labs and Projects for Network Education throughout the semester
- Bilingual in both English and Spanish, enhancing organizational communication with clients

RELATED COURSEWORK

Introduction of Accounting (A)

Unix/Linux System Administration Practice (A)

Foundation of Network Education (A)

Foundation Of Information Systems (A)

Technology and End-User Support (B)

Introduction to Entrepreneurship (A)

Principles of Business Regulation and Law (A)

Principles of Economics (B)

Kayla Kurian

(972) 342-0553, kaylakurian21@gmail.com

EDUCATION

Texas A&M University, Mechanical Engineering: GPA: 4.0

Graduate May 2026

Plano East Senior High School Graduate: GPA: 4.57/4.0; Rank: 66/1404; SAT: 1530/1600

PROFESSIONAL EXPERIENCE

BioinSyst Lab

Biomedical Research Engineer

College Station, TX

July 2024-Present

- Developed organ-on-chips, through use of bright-field microscopy, plasma cleaning, etc.
- Refined quality control procedures that decreased device defect rates
- Performed biological assays using cell culture techniques and tissue engineering
- Presented data through use of Microsoft SharePoint and Fiji

Engineers Without Borders

Project Design Engineering Subteam Lead

College Station, TX

August 2023-Present

- Led team of 20 in designing solar-powered pond aerator for local affordable housing community
- Utilized SolidWorks for the design and assembly of aerator components
- Employed Adobe Illustrator to showcase dimensions of aerator, solar panels, fencing, etc.
- Worked with professional engineers to communicate with safety and procurement leads

Robotic Engineering Aggie Females

Mechanical Subteam Engineer

College Station, TX

August 2023-Present

- Project focused on building an autonomous underwater vehicle for AUVSI Robosub Competition
- Lead design of mechanical components of the AUV through using SolidWorks
- Aided with designing, milling, and 3D-printing parts

ACRC Trials, Clinical Research Studies

Research Intern

Plano, TX

June 2022–August 2022

- Aided in research regarding the investigational vaccine mRNA-1647 for CMV
- Reported post-op patient care
- Shadowed researchers while meeting patients

Principal Spine and Pain Consultants

Surgical Research Intern

Carrollton, TX

June 2021-August 2021

- Shadowed surgical procedures: rhizotomies, kyphoplasty, nerve blocks, etc.
- Recorded vitals in physical examinations and administered urine drug tests
- Monitored Ketamine infusion therapy treatment

Kumon Tutoring Center

Manager

Wylie, TX

May 2020–present

- Managed 11+ employees and 100+ children a day
 - Instructed students, ages 3-15, including those with learning disabilities
 - Taught math subjects ranging from foundational skills to advanced algebra
-

EXTRACURRICULAR ACTIVITIES

Operation Smile

Nonprofit working to deliver safe cleft lip and cleft palate surgeries

August 2020-August 2023

President

- Organized service projects for 50+ people: sock puppets, hospital gowns, friendship bracelets, etc
- Fundraised \$1500+ towards the organization

GirlUP

Nonprofit aiming to mobilize girls to be leaders

August 2019-August 2023

President

- Arranged a Period Product Drive, raising \$500+ of menstrual products
 - Organized meetings on many topics: women in healthcare, period poverty, gender-based violence, etc.
-

SKILLS & EXTRACURRICULARS

- SolidWorks, Python, VSCode, Jupyter, Microsoft Office (Excel, Word, Teams, PowerPoint, SharePoint), Fiji, Adobe Illustrator, JavaScript
- Member of A&M Grand Challenges Scholars Program and Society of Women Engineers

Mariana Araujo Beer

U.S. Citizen • (832) 981-8418 • marianabeer@tamu.edu • Fluent in English & Portuguese

Industrial
engineer
Bobby STT

EDUCATION

Texas A&M University

College Station, TX

Bachelor of Science in Industrial & Systems Engineering

Dec. 2024

Minor in Project Management

Coursework: Data Analytics, Lean Six Sigma Application, Production Systems, Quality Engineering, Statistics, System Reliability

SKILLS & CERTIFICATIONS

Software: Jupyter, MATLAB, Microsoft Office (Excel, PowerPoint, Word), Minitab, Python, Simio, SolidWorks, VBA

Certifications: Data Center Operations Engineering, Engineering Systems Management

Soft Skills: Attention to detail, bilingual, creativity, customer service, pressure management, resiliency

EXPERIENCE

Rooster's Bike & Coffee Shop

College Station, TX

Coffee Barista (14 hours/week)

Feb. 2023 – May 2024

- Delivered efficient and high-quality service through recommendations based on customers' taste and knowledge of current products
- Established rapport with regular customers in the community through development of interpersonal relationships
- Maintained an organized workspace by cleaning machinery, optimizing preparation areas, and restocking inventory for continuous flow

École Catholique d'Arts et Métiers

Lyon, France

Electrical Engineering International Study Abroad

June 2023– July 2023

- Applied electrical engineering techniques and theories in immersive cultural environment while building rapport with students from around the world

Fish Camp | First-year student extended orientation program

Lakeview, TX

Counselor

Mar. 2020 – Nov. 2020 & Mar. 2021 – Nov. 2021

- Collaborated with 2 teams of 20 counselors to foster a welcoming environment
- Directed and communicated with fellow counselors as Camptime Manager to ensure schedule compliance
- Advised and mentored 2 groups of 12-14 freshmen throughout 2 camps
- Welcomed over 200 incoming freshmen to ease transition into the college experience

Freshmen Reaching Excellence in Engineering (F.R.E.E.)

College Station, TX

Service Committee Counselor

July 2020 – May 2021

- Delegated activities and assigned roles to 15 student groups in city-wide Big Event service project
- Formulated plans with counselors to help uplift and support 80 freshmen engineering students during height of pandemic
- Addressed organization in bi-weekly meetings to promote involvement and provide updates for upcoming events

Member

Sept. 2019 – May 2020

- Selected from a pool of 600+ applicants for an 80-member organization
- Led in personal and professional growth opportunities allowing for self-development and creation of interpersonal relationships within the College of Engineering

PROJECTS

Operations Research Project

College Station, TX

Team Leader

Feb. 2023 – May 2023

- Developed integer linear optimization model on *AMPL* for a weekly commute schedule
- Provided consulting report to client including *AMPL* data files, optimal solution, and detailed sensitivity analysis

Fundamentals of Industrial Engineering Design

College Station, TX

Project Design Officer

Mar. 2021 – May 2021

- Coordinated with clients to discuss requirements for final product
- Utilized *SolidWorks* to create models of potential products meeting design criteria
- Presented data findings and models to class members and department staff

ORGANIZATIONS & ACTIVITIES

Club of Aggie Female Engineers (CAFE), Texas A&M University

Sept. 2022 – Present

Institute of Industrial & Systems Engineers, Texas A&M University

Aug. 2020 – Present

The Femmatas Treble Choir, Texas A&M University, *Treasurer*

Sept. 2022 – Dec. 2023

Intern Mechanical

Blaise Rother

(979) 777-7404

blaise2046@tamu.edu

www.linkedin.com/in/blaise-rother

SUMMARY

Hardworking, motivated, engineering student looking for hands-on experience and new challenges presented in an internship. Proficient in several machining techniques including a CNC certification as well as experience in leadership positions.

EDUCATION

B.S. in Manufacturing and Mechanical Engineering Technology

Texas A&M University - College Station, TX

Expected Graduation: Dec 2025

- GPA: 3.0
- Society of Manufacturing Engineers
- Associate of Arts Degree from Blinn College

SIGNIFICANT COURSEWORK

- Metallic Materials
- Nonmetallic Materials
- Strength of Materials
- Mechanics of Materials
- Mechanical Design App
- Industrial Electricity
- Linear Algebra, Calc III
- Computer-Aided Design and Manufacturing
- Product Design and Solid Modeling
- Manufacturing and Assembly Process
- Manufacturing Information Systems
- Engineering Graphics
- Fluid Mechanics and Power
- Thermodynamics

SKILLS

- *Manufacturing and Machining Techniques:* CNC, milling, lathing, drilling, welding, and additive manufacturing
- *Development Environment:* Fusion360, Autodesk Inventor, Visual Basic, Microsoft Office
- *Experience with:* Python, PyCharm, C++, ArcGIS, SolidWorks, AutoCAD
- *Soft Skills:* Leadership, strong work ethic, teamwork
- *Certifications:* CNC, Metrology, Water Safety Instructor, Lifeguard, Basic Life Support, Emergency Oxygen, CPR

EXPERIENCE

CNC and Metrology Certification

Institute for Advanced Composites Manufacturing Innovation (IACMI)
June 2023

Designed an air engine out of 6061-T6 Aluminum, low carbon steel, and PLA using Fusion360 to interface with the CNC machine, a HAAS Mini Mill, at the Securing America Institute with Texas A&M Engineering Experiment Station (TEES). Tested vibrations of the HAAS Mini Mill using MEMS sensors to extend the CNC machine's life.

Water Safety Instructor

City of College Station
Summer 2018 - 2023 (Seasonal)

Responsible for up to 10 students swimming and water safety instruction. Students ranged from age 4 to 30, including some with special needs. Required to write lesson plans weekly. Also supported other WSI's by helping make lesson plans or how to handle certain situations.

Private Swim Lessons

Self-Employed
Summer 2015 - 2024 (Seasonal)

Instructed 1 to 4 students in 30 to 60 minute intervals basic swim and water safety skills. Students' ages ranged from 2 to 60 years old and included 3 special needs students. Worked with parents to inform them how to continue their child's development.

Student Worker

Texas A&M Transportation Institute
June 2020 - June 2021

Studied Texas roadways and determined the top 101-200 busiest roads organized by volume and location. Mapped top roadways in ArcGIS for TxDOT. Worked 10-20 hours per week.

EMT Certification Program

Blinn College
Aug 2019 - Oct 2020

Responded to 911 calls, assessed and assisted patients during transport to the hospital, assisted nurses in the ER, ICU, and in Labor and Delivery. Conducted patient assessments and submitted patient care reports.

STUDENT ORGANIZATIONS & VOLUNTEER

Rite of Christian Initiation for Adults

St. Mary's Catholic Center
Aug 2022 - Apr 2023

Weekly class to introduce adults into the Catholic Church. Served as a table leader where my duties consisted of guiding others through their journey into the Catholic faith.

John 15 Group Leader

St. Mary's Catholic Center
Aug 2020 - Apr 2022

Freshman ministry consisting of weekly bible studies meant to guide freshmen through their first year in college as well as grow in their faith.

Manus Dei: Alter Server Captain

St. Thomas Aquinas Church
Sep 2017 - May 2020

Head altar server and worked under the Pastor of the church to found the Manus Dei organization. Responsible for training fellow high school students and assigning roles for each weekend Mass.

Internship Project Manager

Leilani Strachan

503 Park Place, College Station, Texas, 77840 (214) 425-1835 leilanistrac03@gmail.com
LinkedIn: www.linkedin.com/in/leilani-strachan-108448236

Education

Bachelor of Science in Industrial and Systems Engineering
Texas A&M University, College Station, Texas
Graduation Date: Dec 2025

Employment

Swim Instructor & Manager in Training - *Swimming Fishies, Argyle, Texas*: Jun 2022 - Aug 2023

- + Managed daily operations by opening and closing the facility, ensuring a smooth and secure environment for both staff and participants.
- + Scheduled swim lessons for children, displaying strong organizational skills and optimized the learning experience.
- + Addressed and resolved parental concerns by calling those facing challenges with the website, showcasing customer service skills.
- + Instructed children and adults in proper swimming techniques, promoting water safety awareness.

Merchandise Packing - *Pumpkin Doodle, Argyle, Texas*: May 2020 - Aug 2023

- + Demonstrated efficiency and precision in packing markers into baby bottle label packages to meet high-volume orders.
- + Collaborated with team members to streamline packing processes, contributing to improved productivity and order fulfillment.
- + Maintained a keen attention to detail to uphold quality standards required for each package.

Sales Associate - *American Eagle, Fort Worth, Texas*: May 2021 - Jul 2021

- + Drove sales through personalized customer engagement and an in-depth understanding of the product.
- + Exhibited precision in operating the cash register, ensuring seamless transactions to maximum customer satisfaction.

Sales Associate - *Allen Pharmacy, Denton, Texas*: Jun 2020 - Aug 2020

- + Delivered a positive customer experience by efficiently handling patient checkouts and inquiries.
- + Demonstrated exceptional product knowledge, assisting customers with prescription refills and questions.
- + Played a vital role in arranging medications and maintaining a visually appealing pharmacy environment.

Skills

Proficient in Microsoft and Google applications; experienced in using scheduling software for efficient organization; basic proficiency in Python and VBA; hands-on experience with HTML web development; SolidWorks experience; skilled in cash register operations; customer service experience; strong problem-solving abilities; leadership; effective communication skills; global competency skills.

Involvement

Halliburton Engineering Global Study Abroad Program - *Aix en Provence, France*

May 2024 - Jun 2024

- + Completed class credit for Human Systems Interactions under Dr. Farzan Sasangohar.
- + Practiced cross-cultural communication skills as well as developed global competency experience.
- + Witnessed first hand the ins and outs of ArcelorMittal's steel production process.

Mission Trip Volunteer - *The Door Church, Chamanga, Ecuador*

Jul 2023

- + Facilitated community building in a cross-cultural setting, working with children and adults.
- + Spearheaded reconstruction of a walkway leading to the church, enhancing accessibility for the community.
- + Played a key role in conducting Vacation Bible School, for spiritual and educational growth for local children.

Volunteer - *Cross Timbers Hope Center, Denton, Texas*

Jan 2018 - Present

- + Distributed groceries to individuals and families in need.
- + Collaborated with a dedicated team to ensure a smooth and efficient operation.

Member - *Phi Sigma Rho, Texas A&M University*

Sept 2023-Present

Member - *Institute of Industrial and Systems Engineers, Texas A&M University*

Sept 2023-Present

References: Available upon request

NELSON O'FARRILL LORES

832-486-0887

College Student

nofarrilllores@gmail.com

I'm a productive and responsible aspiring Engineer in the sports industry possessing a High School Degree and currently going for a degree in Manufacturing and Mechanical Engineering Technology(MMET) at Texas A&M University. I work well in a group environment and always strive to make sure that my work is as good as it can be.

EXPERIENCE/STUDENT ORGANIZATIONS

Aggie Lemon Racing

- For this Organization I'm part of the suspension team where we work on a cheap car in order to make it faster in a set of rules and regulations.

Goodwill Computer Works

- I volunteered for this organization by organizing used electronics into specific boxes. I also went on and took apart PC's and organized their parts into different sections as well.

National Society of Black Engineers (NSBE)

- I am a member of this organization that aids engineers of color further their professional life and also aids them in getting internships and jobs.

EDUCATION

Harmony Science Academy - Houston (August 2018 - May 2022)

Graduated as a Summa Cum Laude. GPA: 4.07 Weighted

Houston Community College (August 2018 - May 22)

18 College Credit Hours Awarded / GPA: 3.8

Texas A&M University (August 2022 - Present)

67 Credit Hours completed so far with a GPA of 3.0

SKILLS

- | | | |
|---------------------|---------------------------|---------------|
| • Fluent in Spanish | • Good Active Listening | • Creative |
| • Fast Thinker | • Proper Office Etiquette | • Open minded |

EDUCATION

Texas A&M University (TAMU), College Station, Texas

Master of Science in Mechanical Engineering, GPA: 3.3

May 2024

Bachelor of Science in Mechanical Engineering, GPA: 3.2

May 2023

Notable Courses/Class Projects

MEEN 401/402: Senior Capstone Project

- Sponsored by a Sandia National Labs team working with titanium hydride
- Assigned to explore methods to efficiently measure hydrogen content in titanium hydride
- Machined and tested 3 different test cells that attach to currently available measurement devices

MEEN 441: Design of Mechanical Components and Systems

- Collaborated with group members to design a flywheel battery for a wind turbine unit
- Performed various analyses before arriving at the final vertical configuration design

MEEN 601: Advanced Product Design

- Cooperated with team members tasked to create a solution for remote healthcare
- Finalized a retrofitted semi-trailer design to combat stability and HVAC issues with existing products

MEEN 689: Solar Energy Engineering

- Designed and built a thermal battery prototype powered by solar energy with 3 different heat energy storage materials
- Experimented with the prototype to investigate performance and functionality

TECHNICAL SKILLS

- | | | | |
|---------------|---------------------|---------------|--------------------|
| • MATLAB | • Python | • SolidWorks | • Blender |
| • 3D Printing | • Automotive Repair | • Woodworking | • Microsoft Office |

WORK EXPERIENCE

Helm of Sun Valley Ski and Snowboard, *Assistant to Owner*

October 2017 – January 2024

- Trained and oversaw 2 to 4 employees per season on front desk roles and rental department logistics
- Developed inventory upload procedures for QuickBooks and 2 other programs, to expedite shipping processes and increase overall efficiency
- Engaged with around 50 customers daily, delivering professional customer service in both in-person and phone interactions, while refining informal interpersonal skills
- Assisted with customer equipment rentals, offering general information and tips on both sports

Yuzu Soap, *Operations Assistant*

June 2023 – August 2023

- Designed various jigs/molds for uniform production/packaging, using 3D-printing technology and woodworking
- Re-organized production warehouse for increased efficiency, while accounting for space, power, and compressed air constraints
- Packed and shipped about \$1000 worth of product daily, to wholesale and retail customers
- Repaired and installed equipment, contributing to improved production and warehouse functionality

Fremont United Auto Service, *Auto Technician*

May 2022 – August 2022

- Under the guidance of the lead mechanic, acquired skills and knowledge in automotive components and service procedures
 - Conducted major and minor services on various cars and provided customers with recommendations on future replacements and additional repairs
 - Gained hands-on experience with tires, brakes, fluid changes, and other entry level mechanic work to expand personal skills
-