

Raegan Rangel

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OBJECTIVE

Seeking a summer internship of 20xx to advance career in mechanical, electrical, & robotics engineering.

EDUCATION

Texas A&M University, College Station, Texas

May 2028

Bachelor of Engineering in Multidisciplinary Engineering Technology - Mechatronics Track, ABET-accredited

GPA: 2.913

TECHNICAL SKILLS

Microsoft 365 Logic circuits (Quartus) Arduino UNO Python C SolidWorks

RELEVANT COURSEWORK

Physics I&II (lab) Calculus I&II Digital Electronics (lab) Robotic System Design (lab) Circuit Analysis (lab)

Metallic Materials (lab) Embedded System Dev in C (lab)

LEADERSHIP

Undergrad Chemistry Poster Symposium

February 2024 – April 2024

Team Leader

- Organized team meetings in a team of 4 people total
- Assigned tasks to team members with deadlines based on skill sets
- Identified methods to reduce waste in chemical plants

Great Hearts Irving Robotics Club

August 2019 – February 2020

Lead Programmer

- Calculated & programmed the robot to score points during the autonomous period of each competition round using V5 Blocks
- Developed strong communication in a team environment, great hand/eye coordination & a high sense of dexterity
- Achieved the quarter-finals of the VEX Robotics Competition

PROFESSIONAL EXPERIENCE

Texas A&M Society of Automotive Engineers, College Station, TX

Aug 2025 – Dec 2025

Apprentice/Development Member

- Developed strong engineering foundation to better perform on design teams & preparing for the industry
- Learned resume & interviews preparation
- Learned CAD like SolidWorks, manufacturing, chassis, suspension, powertrain, EV powertrain, & simulation in ~11 weeks

54th STREET, The Colony, TX

May 2024 – Aug 2025

Host/Runner

- Addressed guests' questions & concerns to workers & managers
- Fostered a warm welcoming environment by serving ~100 guests their meals & leading them to their table(s) each shift
- Refilled ~12 different sauces for food orders

Society of Mechatronics Engineering Technology, College Station, TX

Jan 2025 – May 2025

University Rover Challenge Mechanical & Science Team Apprentice/Contributor

- Achieved the basics of SolidWorks
- Contributed to team meetings & raised ideas every week
- Informed ~1,000+ prospective students about SOMTECH at Night at Zach

Holy Rollie Pastry Shop, Irving, TX

June 2023 – Dec 2023

Assistant Baker

- Shaped dough into rolls & made 9 unique fillings
- Packaged ~8 boxes the rolls for storage & ready for the oven each shift
- Sold around \$35 each shift

VOLUNTEER WORK

Resident Hall Association

October 2023 – October 2024

- Volunteered at Fall Fest by handing out candy to the Galveston community of 1,000+ families while in costume
- Set up booths & raised money by selling desserts & t-shirts

National Honors Society

September 2022 – May 2023

- Surpassed 65 hours of volunteering for my school & other organizations like Metrocrest & Smithsonian
- Set up events & cleaned up after, performed violin for people at different places like retirement homes, aided fundraisers, passed out flyers, babysat, assisted an Eagle Scout, & more