

Casey Novelo

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Mission Statement:

Adaptable Electrical Engineering student seeking a coop or internship opportunity with an engineering firm where I can apply my engineering knowledge and gain practical experience within the field.

Technical Skills:

- Interpreting Electrical Diagram and Drawing
- Data Collection and Analysis
- Testing, Troubleshooting, and Evaluating Electrical Equipment
- PLC & Automation Systems
- Circuit Analysis and Design
- Programming: Python, C++, C#, SQL, HTML, MATLAB

Education:

Texas A&M University Commerce, August 2021 to Present – GPA 3.95

- Electrical Engineering Major with a Minor in Physics and Computer Science, Expected Graduation in May 2025
- Presidential Scholarship Acceptant

Professional Experience:

Automation Engineer Intern - Steel Dynamics (May 2023-August 2023)

- Aided in the design of a dynamic website, seamlessly extracting real-time data from operational PLC systems to enhance company-wide communication and plant visibility.
- Employed PLC programming, SQL integration, and Python scripting for automated updates and data retrieval.
- Collaborated within a team to create an optimized steel rolling model, using a combination of both C# and Python coding to dissect complex calculations, boosting efficiency and elevating production quality.
- Engaged with shift electricians and gained hands-on experience while contributing to daily engineering operations in a dynamic and diverse setting.

Grounds Keeper - Rafael and Co. Lawn Company (Summers of 2019-2022)

- Used physical labor and teamwork to transform yards per customer requirements.

Active Involvement and Volunteering:

- Texas A&M University-Commerce – Track/ Cross Country – Student Athlete
- Helped with moving in and guiding new students at TAMUC – Lions Here 2 Help
- Helped to Organize and Run a weekly Wednesday Night Pickleball event at FUMC-Hurst
- Helped with donating and handing out Thanksgiving meals to families in need.