

Jordan Lara

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Electrical Engineer seeking an internship working on computer systems. Incredibly interested in all things computers & robotics. Love to read, learn electronics, and make fun and exciting projects. Feel free to view my website.

EDUCATION

UTRGV, College of Engineering and Computer Science
Major in Electrical Engineering
Minor in Computer Science
08/2021 - 05/2025(Expected)

Edinburg, TX Bachelor of Science,
GPA: 3.52 (current)

AREAS OF EXPERTISE

- Autodesk CAD Certified
- Novice Python
- Data analysis
- Intermediate HTML
- Advanced PCB
- Novice C++
- Intermediate JavaScript
- Robotics
- Algorithms

EXPERIENCE

- Borderland Properties LLC in McAllen Texas (05/2019 – 06/2022) **Implemented a system** to efficiently fulfill client contracts, which required their properties to be cleaned and maintained before/during the real estate listing process. This **saved 1-2 hours of communication daily for the company.**
- ALL Law Firm in McAllen Texas (05/2018 – 08/2019) **Developed a system** for client file organization and documentation using Microsoft Office applications, including excel. Also incorporated the use of large commercial-grade printers and shredders. This **saved 2-3 hours of communication daily for the company.**

ACADEMIC ACCOMPLISHMENTS

- UTRGV ASME (08/2021 - Present) **Collaborated on** a NASA rover build challenge and Prepared CAD Prototypes. **Saved weeks of prototyping for the team.** (2021 – 2022 year)
- UTRGV Rocket Launchers (08/2021 - Present) **Compiled** data and Enhanced PCB designs and data collection systems on team Telemetry. **Ranked amongst the top 50** teams out of roughly 100 teams in the Space Port America Cup competition. (2021 – 2022 year)
- UTRGV Baja Racing (08/2021 - Present) **Targeted** design of the chassis for the four-wheel drive buggy in competition. **Produced a strong, safe, & light weight chassis.** (2021 – 2022 year)
- Engineers Without Borders at UTRGV (08/2021 - Present) **Engaged in** providing communities with basic needs. **Awarded 3rd place** in window art design contest. (2021 – 2022 year)
- FIRST Tech Challenge Robotics (08/2018 – 05/2021) **Awarded regional and state recognition. Attained Funding** from Chipotle and H-E-B. Captain and lead designer of the Osiris Robotics team.
- McAllen Tech Wars Robotics Competition (08/2018 – 05/2021) **Awarded First place** for both 2019 and 2021 battle bot competitions. **Designed** and built two battle bots for both the 2019 and 2021 battle bot competitions.
- TEXAS A&M Construction Academy (05/2019 - 08/2019) **Enrolled in** Construction Trade Academy. Identified careers in the construction industry. **Attained exposure** to industry practices.
- Rice STEM Program (05/2017 - 08/2017) **Awarded First place** in one of the first RICE Tapia STEM competitions. Collaborated with four other students from across Texas.

RELATED COURSEWORK

- Computer Science
- Biology
- Electrical & Computer Engineering
- Physics
- Chemistry
- Robotics
- Astronomy
- Calculus
- Algorithms