

# Ethan Ortiz

ortizethan3@gmail.com ❖ (512) 810-9845 ❖ Austin, TX ❖ [LinkedIn](#) ❖

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## WORK EXPERIENCE

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### Dell, Dells Sales Application (Draft Quote Team)

Aug. 2021 – Present

*Software Engineer 2*

*Hybrid*

- Engineered and maintained high-performance web applications using Angular (frontend) and .NET (backend).
- Built unit and integration tests using XUnit and Jasmine to ensure robust software reliability.
- Mentored junior developers through code reviews and knowledge-sharing sessions, improving team productivity.
- Refactored and upgraded outdated Angular/.NET components to enhance system performance, maintainability, and developer efficiency.
- Collaborated in Agile workflows, participating in daily stand-ups, sprint planning, and retrospectives.
- Developed dynamic and responsive web applications using Angular, improving user experience and engagement.

### Algopear

May 2020 – July. 2021

*Software Developer*

*Remote*

- Developed and optimized React applications, ensuring scalability and a seamless user experience.
- Created a library of modular React components in Storybook, enabling faster development and streamlined collaboration.
- Built and deployed RESTful APIs with Node.js and Serverless Framework, leveraging AWS Lambda, API Gateway, and PostgreSQL for a fully managed backend.

### Texas State Campus Recreation

February 2020 – May 2021

*Web Page Manager*

*San Marcos, TX*

- Managed and maintained websites for all departments under Texas State Campus Recreation, ensuring functionality and performance.
- Led the design and development of the Texas State Campus Recreation Round Rock website, enhancing user experience and engagement.

### Applied Materials

May 2019–August 2019

*Electrical Engineering Intern*

*Austin, TX*

- Developed two applications to improve efficiency and accelerate existing processes.
- Built a program integrated with a robotic arm to capture power measurements of LEDs, enhancing data accuracy and automation.
- Designed a computer vision application to realign silicon wafers during robotic arm transfers, optimizing precision and workflow automation.

## EDUCATION

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### Texas State University

Graduated May, 2021

*Bachelor of Science, Electrical Engineering*

*San Marcos, TX*

- **GPA: 3.75/4.0** *Summa Cum Laude*; Dean's List
- Minors Computer Science and Applied Mathematics

## SKILLS & INTERESTS

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- **Skills** Javascript, TypeScript, HTML, CSS, React, Angular, Node.js, XUnit, Jasmine, C#, NET, PostgreSQL, SQL
- **Tools** : GitLab, AWS (Lambda, API Gateway, Cognito), Fiddler, Http Debugger,
- **Interests** *Algorithmic Art, Marvel Comic Books, Invincible, Video Games, Halo*