

Jaqueline Ochoa

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EDUCATION

University of Texas – Austin, Texas

Bachelor of Science in Mathematics

May 2026

- Certificates in ‘Elements in Computing’ and ‘Statistics and Data Science’
- Honors and Awards: Distinguished College Scholar, Hispanic Scholarship Fund Scholar, TAME Scholar, Dell Scholar
- Relevant Skills: UNIX, Python, Swift, HTML, CSS, JavaScript, PHP, SQL, AJAX, LaTeX, RStudio
- GPA: 4.00

EXPERIENCE

Hook’d Magazine – Austin, TX

Jan 2024 - Present

Web Developer

- Worked in a team of web developers to improve and maintain a fashion magazine website
- Collaborated with other committees to create a fashion magazine each semester
- Designed website graphics and animations via Squarespace, Figma, and HTML

College of Education at the University of Texas – Austin, TX

Aug 2022 - Present

IT Student Technician

- Acted as the primary point of contact for technology-related emergencies, promptly resolving macOS-related issues
- Managed inventory levels of technology resources, including laptops, projectors, and audiovisual equipment
- Conducted routine classroom maintenance on Crestron technology systems, enhancing the learning environment for students and educators

ACTIVITIES

FIRST Robotics Competition – Austin, TX

May 2023 - Present

Robotics Team Mentor

- Collaborated with students to develop and refine robot designs, emphasizing creative problem-solving and engineering principles
- Assisted in project management by helping students plan and execute build schedules, allocate resources efficiently and meet critical deadlines for competition events
- Fostered a strong commitment to safety by emphasizing safe practices, ensuring that the team adhered to safety protocols and maintained a clean working environment

Freshman Research Initiative (MakerSpace) – Austin, TX

Aug 2022 - May 2023

Research Student

- Used fabrication skills such as 3D printing and laser cutting, synthetic biology, and chemical synthesis
- Built and refined custom prototypes for client’s specific use, such as research or instruction
- Repaired and calibrated various models and fabrication equipment

PROJECTS

Meet Me in the Middle

Fall 2023

- Designed an iOS application using Swift and Xcode that enables users to input multiple locations and calculate optimal departure times for synchronized arrivals.
- Analyzed travel routes and dynamically adjusted departure times to ensure simultaneous arrivals for multiple users
- Leveraged Mapbox GPS services to provide reliable location data and route information

The Empty Plate

Spring 2024

- Food blog website utilizing HTML and CSS with a focus on local food exploration and highlighting personal recipes
- Designed and authored engaging articles to foster a deeper appreciation for the culinary arts and diverse cuisines
- Established an intuitive and visually appealing user interface, enhancing accessibility and user experience for seamless navigation