# Jose Barrera

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## Education

**Bachelor of Science in Computer Science**                                    December 2024

University of Texas, Tyler, TX | GPA 3.84

## Skills

**Programming Languages:** JavaScript, HTML, CSS, SQL

**Libraries & Tools:** React.js, Git

## Projects

**Little Lemon** | Spring 2025                          HTML, CSS, JavaScript, React, Testing
- Built a restaurant reservation web app while completing Meta's capstone project.
- Used React for managing component state and booking functionality.
- Tested core booking logic using Vitest and React Testing Library.

**Scentopedia** | Fall 2024                                              React.js, Firebase
- Designed and built a fragrance journaling web app using React and Firebase.
- Connected authentication and database functionality through Firebase services.
- Worked in short development cycles to plan features, test ideas, and improve the user experience.

**Travel App Database** | Spring 2023                                          SQL, MySQL
- Helped design a MySQL database for a group travel planning app as part of a class project.
- Created EER diagrams and database schemas, and led the requirements phase.
- Coordinated communication in Discord to manage progress and task updates.

## Work Experience

**Front-End Developer |** JMLM Software                          January 2025 - Present
- Helped build and refine React components for client-facing features and dashboards.
- Used tools like Cursor IDE and v0 to speed up dev cycles and prototype interface ideas.
- Connected frontend components to backend APIs with the help of tooling and team guidance.

**Undergrad Research Assistant** | University of Texas, Tyler, TX                     Fall 2024
- Guided classmates through network labs and helped them analyze traffic using Wireshark.
- Helped students debug basic Java client-server apps by reviewing documentation, testing solutions, and using tools like AI to explore fixes.
- Shared feedback with faculty to improve lab clarity and support peer learning.

## Leadership & Clubs

**Cyber Security and Data Analytics Club** | University of Texas, Tyler, TX | Parliamentarian          Fall 2023
- Assisted in coordinating club events, workshops, and recruiting efforts.
- Supported members with cybersecurity tools and promoted inclusive club growth.

**Association for Computing Machinery (ACM)** | University of Texas, Tyler, TX | Member    Spring 2022 - Fall 2024
- Went to talks and coding events to meet other students and stay sharp with new tech topics.

**Tyler Young Professionals Network (TYPN)** | Tyler, TX          March 2025 - Present
- Participated in local networking events to connect with professionals and expand industry insight.

## Certifications

**Meta Front-End Developer Certification** | Coursera          June 2025
**Professional Scrum Master I (PSM I)** | Scrum.org          June 2025