

Jaime Zepeda Pina

jzapedapina@gmail.com | (510) 984-8580 | <https://jaimezepeda.vercel.app/>

Education

University of Wisconsin - Madison

B.S. in Computer Science, Data Science, and Mathematics

GPA: 3.63 | Dean's List

Madison, WI

May 2026

Relevant Courses:

- **Math:** Calculus, Linear Algebra, Numerical Analysis, Probability Theory
- **Computer Science:** Data Structures & Algorithms, Mobile Systems and Applications, Software Engineering, Operating Systems, Computer Networks
- **Data Science:** Data Science Modelling, Data Science Programming, Matrix Methods in Machine Learning

Projects

Six of Badgers:

Scrum Master | Full Stack Developer

- Led a collaborative project to develop a card game website, utilizing React, Spring Boot, and MySQL
- Implemented Web Sockets functionality to facilitate client-server communication, enable multiplayer gaming, and allow for in-game messaging capabilities.
- Served as Scrum Master, orchestrated meetings, enforced timelines, and fostered a cohesive team environment
- Utilized modern software practices including Test Driven Development, Docker for containerization, and CI/CD pipelines

Run Track Pro:

Android Mobile Developer

- Worked with a team to develop a Java-based Android app for runners, featuring run tracking, progress statistics, and SQLite database integration for data storage.
- Integrated Google Maps API for real-time tracking of distance, pace, and route.

Experience

UW-Madison Computer Science Department

Peer Mentor / Teacher Assistant

Madison, WI

June 2022 - Present

- Mentored students individually, helping them troubleshoot code and debug programs, leading to improved academic performance.
- Collaborated with Professor Gurmail Singh to create engaging course content and adapt teaching methods based on student feedback.

Related Skills: programming proficiency, communication, technical troubleshooting, student mentorship

NBO7

Software Developer

Madison, WI

Sep 2023 - Feb 2024

- Collaborated with Professor Frank Weinhold to restore and optimize the NBO7Pro website, resolving compatibility issues with Jmol and packaging the distribution with its own JRE.
- Fixed bugs and enhanced functionality in the NBO7Pro@Jmol program through collaboration with people from various universities

Related Skills: collaboration, problem-solving, adaptability, Java, HTML

Skills

Programming Languages: Java, Python, JavaScript, TypeScript, R, Swift, C, C++, HTML, CSS, SQL

Technical Skills: Linux, Virtual Machines, GIT / Subversion, Docker, Agile & Scrum, Unit Testing, CI/CD, Selenium, React, Spring Boot, Postman, Flask, MySQL, SQLite, Android App Development, IOS App Development

Languages: English, Spanish