Jaime Zepeda Pina

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Education

University of Wisconsin - Madison   Madison, WI
B.S. in Computer Science, Data Science, and Mathematics   May 2026
GPA: 3.63 | Dean's List

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

Projects

Six of Badgers:
Full Stack Developer | Scrum Master
- Led a team of 6 developers to create a card game website using React, Spring Boot, and MySQL.
- Implemented Web Sockets to facilitate client-server communication, enable multiplayer gaming, and allow for in-game messaging.
- Orchestrated meetings, enforced timelines, and fostered a cohesive team environment as Scrum Master.
- Utilized 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.
- Designed and implemented a user-friendly interface, significantly improving the overall user experience.

Experience

UW-Madison Computer Science Department   Madison, WI
Peer Mentor | Teacher Assistant   June 2024 - Present
- Mentored over 100 students, helping them troubleshoot code and debug programs, leading to improved academic performance.
- Redesigned and implemented new projects to better test students' understanding of the material.

Related Skills: Python, OOP, Flask, Jupyter, NumPy, Pandas, Matplotlib, Scikit-Learn, Selenium, A/B testing

NBO7   Madison, WI
Software Developer   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 NBOPro7@Jmol program through collaboration with faculty from various universities

Related Skills: Collaboration, Problem-solving, Adaptability, Java, HTML, Subversion

Skills

Programming Languages: Java, Python, C, C++, C#, R, Swift, TypeScript, HTML/CSS/JS
Technologies: Git, Linux, GCP, Docker, Gradle, Postman, MySQL
Frameworks & Libraries: React, Tailwind, Spring Boot, Flask, Scikit-Learn, NumPy, Pandas, Matplotlib
Software Development Practices: Agile & Scrum, OOP, CI/CD, Test Driven Development, SOLID Principles
Languages: English, Spanish