

# Javier Golpe Juarez

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## Objective

Computer Science student with hands-on experience in AI/ML, web development, and front-end design. Skilled in building applications with React, Python, and SQL. Seeking a Software Engineering Internship to apply technical and collaborative skills to real-world projects.

## Education

University of Wisconsin-Milwaukee, Milwaukee, Wisconsin  
Bachelor of Science in Computer Science, GPA 3.2

## Technical Skills

- Languages: Java, Python, C, JavaScript, TypeScript
- Web: React.js, HTML5, CSS, Django, Node.js
- Databases: SQL, MySQL
- Tools and Frameworks: Git/Github, PyTorch, Tailwind, Supabase, Agile/Scrum, Jira

## Projects

### Software Developer - Confidential Startup Project

Jan 2025 - Present

- Developing a mobile-first application with a focus on user onboarding, data management, and scalability.
- Leveraging cloud-based tools (Supabase, Expo, Tailwind) to ensure secure and maintainable architecture.
- Gaining hands-on experience in startup development cycles, including rapid prototyping and iteration

**Skills:** React Native, TypeScript, Supabase, SQL, Tailwind

### AI-Assisted Documentation with Fine-Tuned LLMs

University of Wisconsin-Milwaukee | Feb 2025 - May 2025

- Developed an AI system that generates high-quality documentation for codebases by fine-tuning open-source LLMs with domain-specific data.
- Utilized Unsloth and LoRA for efficient model adaptation, reducing training time and memory requirements.
- Extracted, cleaned, and templated Java methods into instruction-response pairs for supervised fine-tuning.

**Skills:** Python, PyTorch, Prompt Engineering, Data Cleaning

### **Web-Based MIPS Emulator Front-End**

**University of Wisconsin-Milwaukee | Feb 2025 - May 2025**

- Collaborated with a team to design and implement a modern web-based MIPS emulator to replace outdated tools like MARS.
- Built a front-end IDE with syntax highlighting, debugging tools, breakpoint management, and execution controls to enhance student learning.
- Integrated Monaco Editor for usability and developed a clean UI with sidebars and embedded documentation viewer.

**Skills:** React.js, TypeScript, Front-End Development, UI/UX Design

### **School Management System Project**

**University of Wisconsin-Milwaukee | Dec 2022 - May 2022**

- Collaborated with a team of five to design and develop a web application for school administration.
- Built front-end interfaces with HTML/CSS, while implementing backend functionality in Python for class and staff management.
- Integrated MySQL for robust database handling, ensuring seamless interaction between front-end and backend.

**Skills:** Django, Python, HTML, CSS, MySQL, Agile Development

### **Profesional Experience**

**CAREGIVER, UTS FISCAL AGENT; MILWAUKEE, WI – 2021-PRESENT**

- Provided compassionate and personalized care to client with special needs.
- Monitored progress and adapted care plans, demonstrating analytical and problem-solving skills.
- Strengthened time management and communication, coordinating with healthcare staff

**PREPARATORY/COOK, WATER STREET BREWERY; GRAFTON, WI – 2017-2019**

- Collaborated with a team of 12 in a fast-paced environment, improving workflows that reduced waste and saved the business \$7,000 monthly.
- Balanced multiple tasks and roles, demonstrating adaptability and teamwork.
- Communicated effectively with coworkers, to complete jobs on time.