

ANGEL CRUZ

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Education

San José State University

Bachelor of Science in Computer Science

August. 2023 – May 2027

San José, California

Relevant Coursework

- Data Structures
- Software Methodology
- Advanced C++
- Processing Big Data
- Blockchain
- Mobile Development
- Computer Architecture

Experience

AgileRadio

Software Engineering Intern

June 2025 – October 2025

Schenectady, NY

- Engineered a Jenkins-based automated testing pipeline using Python and Bash, reducing manual testing effort and improving system reliability.
- Analyzed communication protocols and system behavior using Python (NumPy, pandas) to identify performance bottlenecks and improve test coverage.
- Developed performance testing workflows in Linux environments, integrating Jenkins and Git for continuous validation.
- Authored technical documentation and system analysis reports, improving clarity and collaboration across engineering teams.

Starbucks

Barista

November 2021 – March 2024

San Juan Capistrano, CA

- Worked in a fast-paced store handling long lines and rushes while keeping orders accurate and moving quickly.
- Took orders, made drinks, handled register, and kept the store clean and organized throughout shifts.
- Helped train new hires and showed them how to work the floor, make drinks, and keep up during busy hours.
- Opened and closed the store, including setup, cleaning, and preparing everything for the next shift.
- Worked closely with the team to keep things running smoothly and cover different roles when needed.

Projects

Mini Me AI | C++, Python, Ollama, Piper, Vosk

2026

- Built a personality-driven AI agent running fully locally using Ollama for LLM inference.
- Set up a real-time text-to-speech pipeline with Piper to generate fast conversational responses.
- Worked around memory limits on an embedded GPU (Jetson) to keep the model running smoothly.

WasteLess AI | Next.js, React, TypeScript, Supabase, Leaflet, NVIDIA API

2026

- Built a web platform that connects restaurants with surplus food to nearby shelters.
- Developed a live map using Leaflet with filtering, availability tracking, and pickup constraints.
- Integrated Supabase for backend data and used NVIDIA APIs to help guide distribution decisions.

ProfessorMatch | Python, pandas, Streamlit, FastAPI

2026

- Built a recommendation system that ranks professors based on custom scoring logic.
- Combined data from RateMyProfessors, LinkedIn, and course info into a single dataset.
- Created a Streamlit interface for searching and filtering results in real time.

Technical Skills

Languages: C++, Java, Python, JavaScript, SQL, HTML/CSS

Frameworks: React, Next.js, FastAPI, Streamlit

Tools: Git, GitHub, VS Code, Eclipse, Xcode, Jenkins, Postman, AWS

Technologies: Linux, Supabase, Leaflet, REST APIs, Ollama, Piper, Vosk

Extracurricular

SJSU Formula SAE

Team Member

2025 – Present

San Jose State University

- Assisted during test days by supporting team operations and on-site coordination.
- Captured photos and documented testing sessions for team use and outreach.
- Supported the business team with event logistics and general team needs.
- Helped ensure smooth test day execution by assisting wherever needed.