

# Steven Le

408-386-1596 | stevenleusa79@yahoo.com | linkedin.com/in/steeevin/ | github.com/steeevin88 | stevenle.is-a.dev

## EDUCATION

### San Jose State University

December 2026

B.S. in Computer Science (GPA: 3.93/4.0)

- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Server-Side Web Programming, Information Security, Big Data Processing, Software Engineering, NoSQL, Computer Architecture

## EXPERIENCE

### Tesla

Aug. 2025 - Dec. 2025

Software Engineer Intern

Palo Alto, CA

- **Vehicle Software;** extended validation microservices and test infrastructure supporting Tesla's **Robotaxi + Navigation**
- Automated daily ingestion of vehicle telemetry logs, deserializing **5k+** Protobufs from Kafka streams for CI pipelines
- Established Jenkins pipelines facilitating E2E testing and qualitative validation of Tesla's traffic production services
- Introduced Redis rate-limit safeguards in Golang, mitigating costly infrastructure outages due to high-volume write spikes

### Meta

May 2025 - Aug. 2025

Software Engineer Intern

Menlo Park, CA

- **Facebook Events Product;** developed backend infrastructure supporting new third-party ticketing platform integrations
- Developed Dataswarm pipelines producing asynchronous jobs, scheduling **100K+** event-related notification sends daily
- Utilized internal pub/sub tooling to efficiently handle notification broadcasts to billions of users on Facebook Events
- Expanded Facebook's Official Events API to accommodate richer event details from ticketing partners (ex. **Ticketmaster**)
- Debugged flaky/failing events test suites, contributing to a **5%** increase in team-wide test coverage health

### Fetch.ai

Aug. 2024 - Dec. 2024

Software Engineer Intern

Remote

- Implemented a TypeScript NPM package of Fetch.ai's uAgents Python SDK, facilitating autonomous agent creation
- Refactored Zod OpenAPI functions to align with Pydantic's schema generation, ensuring cross-platform compatibility
- Redesigned 15+ Jest test suites, enhancing reliability in file-based state management of autonomous agents

### United States Geological Survey (USGS)

May 2024 - Sept. 2024

Software Engineer Intern

Moffett Field, CA

- Developed an internal earthquake response platform to assist scientists in visualizing real-time seismic activity
- Constructed interactive maps displaying GeoJSON data for 300+ earthquakes with Python's Folium and PyGDAL
- Administered application deployment to an internal Rocky Linux Server for access by 15+ inter-team researchers
- Optimized AutoSSH and SQLAlchemy connection settings to reduce database query latency by ~40%

### SJSU College of Engineering

Dec. 2023 - Feb. 2024

Software Engineer Intern

San Jose, CA

- Built a data pipeline containerized in Docker utilizing Python's FastAPI for API requests to 511 SF Bay's Portal
- Applied multi-threading to update cached transit data, reducing API calls and request response time by ~500ms
- Configured NGINX as a reverse proxy, applying DNS resolution and URL rewriting to reroute incoming traffic
- Monitored system performance with Prometheus, tracking latency metrics for 4000+ monthly requests

## PROJECTS

### Roomy | Python, FastAPI, Next.js, uAgents, Google Gemini API, Docker

- Engineered an AI-powered smart home assistant, applying tool-former and Auto-GPT research-paper concepts
- Parallelized processes through Fetch.ai's uAgents framework and integrated RPC to reduce API calls by 50%
- Winner of Fetch.ai's **"Best use of AI Agents"**, placing 1st out of 200+ teams of 4 at the **LAHacks 2024** hackathon

### AngelShot | Next.js, TypeScript, Tailwind CSS, MongoDB, VAPI, ElevenLabs

- Built AI-based emergency contact simulation service, won VAPI's **"Best Hack for Impact"** at **CalHacks 2024** hackathon
- Generated conversation-relevant trigger words with Groq's Llama3 (80B), redirecting calls to emergency services if spoken

## TECHNICAL SKILLS

**Languages/Frameworks:** Python, Java, JavaScript, TypeScript, HTML/CSS, React, React Native, PHP/Hack, SQL, Golang

**Developer Tools:** Git/GitHub, Linux, Docker, Kubernetes, Prometheus, Grafana, GeoJSON, Redis, Apache Kafka