Evan Liang

evanliang945@gmail.com — (510) 203-8422 — github.com/nindroid945

Education

University of California, Davis Expected 2027
M.S. in Computer Science

University of California, Santa Cruz Class of 2025
B.S. in Computer Science
Graduated with Honors, GPA: 3.61
Relevant Coursework: Data Structures and Algorithms, Analysis of Algorithms, Approximation Algorithms, Computer Architecture, Machine Learning, Natural Language Processing, Database Systems

Skills

Languages: Python, C++, JavaScript/TypeScript, SQL (PostgreSQL)
Tools: React, Node.js, Express, GraphQL, Git, AWS, Docker, VSCode, PyCharm, IntelliJ, Stata

Projects

Parking Management Web Application Sep 2024 – Dec 2024

- Developed a full-stack microservices web application in a team of six with four apps: **Driver, Enforcer, Admin**, and a Landing Page.
- Built with **PostgreSQL, Express, Node.js, React, GraphQL, and TypeScript**.
- Implemented CI/CD pipelines, deployed using **AWS EC2** with traffic routed through **Cloudflare**.
- Designed GraphQL APIs for vehicle lookups, parking enforcement, and admin management workflows.
- Integrated third party services such as Stripe to allow for secure user payment.

Economic Experiment Simulation Tool Jan 2024 – Jun 2024

- Collaborated with a professor and three peers to build a tool for running economic experiments in simulated markets.
- Implemented backend logic in **Python** with a **PostgreSQL** database to simulate trading in a one-asset market.
- Designed and deployed trading bots (Poisson noise traders, trend-following bots, etc.) to model different strategies.
- Visualized price dynamics and market behavior through interactive charts for research and teaching use.
- Users were able to communicate with an LLM to implement custom trading strategies with code generated by Claude.

Experience

Student Tutor - Mathematical Thinking for Computer Science Sept 2023 – Jun 2025

- Guided students in logical reasoning and problem-solving techniques for CS foundations.

Grader Sept 2023 – Jun 2025

- Evaluated assignments and provided structured feedback on correctness and clarity in Analysis of Algorithms and Mathematical Thinking for Computer Science.

Leadership

President, Slug Competitive Programming Sept 2022 – Jun 2025

- Organized workshops and practices for students in ICPC-style programming.
- Competed at ICPC North America Regionals 2024, placing 15th in Division 2.