

Education

UC Santa Barbara • *Electrical Engineering*

Santa Barbara, CA

Aragon High School • GPA: 4.3, Valedictorian

San Mateo, CA

Notable Courses: Calculus Multivariable Honors, AP Computer Science A, AP Physics C

May 2025

Experience

Quo Labs

San Francisco

Software Engineer (Contracted)

Summer 2025 - Fall 2025

- Architected software for [SAM](#), a differential-drive robot
- Used ROS2 and Nav2 Python packages to integrate autonomous movement planning into SAM
- Helped code, troubleshoot, and deploy vision capabilities onto SAM

Aragon Robotics, FIRST Robotics Competition Team 840

San Mateo

Strategy Lead, Vice Software Lead

May 2024 – May 2025

Programming Member

September 2021 – April 2024

- Developed competition code for multiple robots in Java
- Collaborated with designers on robot architecture and functionality
- Planned and executed strategies to maximize scoring potential of each robot
- Mentored incoming robotics students in programming and basic electrical skills
- Set up and wrote in-house FRC programming/strategy documentation to help future 840 programmers

Alphastar

San Jose

Math Problem Writer

December 2023

- Worked with other high school students to author 6 exams for math competitions

Foster City Parks and Recreation

Foster City

Camp Counselor

May 2022 – August 2022

- Created and facilitated daily activities for 35 campers aged 7-10
- Described rules and dynamics of activities to ensure comprehension by all campers
- Managed behavior of campers to ensure a fun and happy environment

Skills & Interests

Technical: Python, \LaTeX

Broad Interests: Adventuring, Math, Programming, Reading, Chess ([lichess profile](#))

Specific Interests: NLP, General Neural Network Architecture, Ping Pong, Differential Eqns

Achievements and Honors

- AIME Qualifier (2023, 2024, 2025)
- Eagle Scout
- UCSB ACM Bot Poker Tournament Champion



Figure 1: My loyal group of stuffed animals