

Alex Zhao

San Mateo, CA, 94403 • alex.zhao.389@gmail.com • (650)-750-6963 • [Github](#)

Education

UC Santa Barbara

Bachelor of Arts: Intended Major, Electrical Engineering

Santa Barbara, CA
(Expected) June 2029

Aragon High School • GPA: 4.3, Valedictorian

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

San Mateo, CA
May 2025

Experience

Aragon Robotics, FIRST Robotics Competition Team 840

Strategy Lead, Vice Software Lead

Programming Member

San Mateo
May 2024 — May 2025
September 2021 — April 2024

- Developed competition code for multiple robots in Java
- Mentored incoming robotics students in programming and basic electrical skills
- Created documentation to assist future generations of programmers
- Collaborated with designers on robot architecture and functionality
- Planned and executed strategies to maximize scoring potential of each robot

Foster City Library

Library Volunteer

Foster City
June 2023 — August 2024

- Shelled and collected 500+ books that patrons requested
- Directed and assisted library patrons in finding books and using technology
- Consolidated and reorganized bookshelves to increase book visibility and ease of access

Volunteer Teacher

August 2023

- Designed and led curricula to teach 11 elementary schoolers basic Python programming
- Explained basic programming concepts in multiple ways to accommodate different learning styles
- Guided students in making their own projects by providing resources and helping troubleshoot problems

Alphastar

Math Problem Writer

San Jose
December 2023

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

Foster City Parks and Recreation

Camp Counselor

Foster City
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, Java, Git, L^AT_EX

Languages: English, Chinese (Conversational), Spanish (Proficient)

Interests: Math, Chess, Adventuring, Blogging, Reading

Achievements and Honors

- AIME Qualifier (2023, 2024, 2025)
- Programming Club Vice President (2023 — 2024)
- Eagle Scout