

Alex Chen

COMPUTER SCIENCE STUDENT

☎ (408) 387-9451 | ✉ axchen7@outlook.com | in axchen7

Education

Columbia University, Fu Foundation School of Engineering and Applied Science

New York, NY

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Sept. 2021 - May 2025 (EXPECTED)

- **Relevant coursework:** Data Structures, Physics: Mechanics and Relativity, Multivariable Calculus, General Chemistry — Fall 2021

University of California, Berkeley

Berkeley, CA

PRE-COLLEGE SCHOLARS

June 2020 - Aug. 2020

- **Relevant coursework:** Machine Structures — Summer 2020

Skills

Languages/Frameworks Java, Python, C, HTML/CSS/JavaScript, PostgreSQL, React, GraphQL, Django, Azure

Creative/CAD Adobe (Photoshop, Illustrator, Premiere Pro), SolidWorks

Computer Microsoft (Word, PowerPoint, Excel, Outlook), Google Docs, LaTeX, Git

Experience

FIRST Robotics

San Jose, CA

PROGRAMMING LEAD

Sept. 2016 - May 2021

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Sleekfin

San Jose, CA

FRONTEND DEVELOPER, GRAPHIC DESIGNER INTERN

May 2020 - Aug. 2020

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Hack on Track, 501(c)(3) Nonprofit

San Jose, CA

CO-FOUNDER, HEAD OF CURRICULUM

June 2018 - May 2021

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Projects

Shellfish

- A command line interface based on the Unix Bash shell, written in C.
- Supports EOF (Ctrl-D) and SIGINT (Ctrl-C), multiple commands per line, and chained redirection and piping.

Zero Robotics

- Semifinalist out of 200 teams in MIT's international high school programming competition in C.
- Implemented 3D vector physics and game strategy for an autonomous satellite simulation using the ZR API.