Ashley Chan

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👤 GitHub / LinkedIn

Education

California State University at Fullerton   Aug 2022 - May 2026
Computer Science B.S.

- **Technical coursework:** Computer Organization and Assembly, Intro to Python, Data Structures, Object-Oriented Programming
- **GPA:** 3.77
- **Dean's List:** Spring 2023, Fall 2022

Merrill F. West High School   Aug 2018 - May 2022
Space & Engineering Graduate with Honors, CSF Graduate with Honors

- **Technical coursework:** Engineering Design, Product Design, AP Computer Science A
- **GPA:** 4.1 - Top 4% of Senior Class
- **Principal's Honor Roll**: all 4 years
- Received Athletic, Space & Engineering, and Academic Block Letters.

Work Experience

Google STEP Intern | Mountain View | C++, SQL   May 2023 - Aug 2023

- Implemented two full C++ backend data processing pipelines for texts/image ads using concepts of databases, protocol buffers, and parallel computing.
- Collaborated with co-intern, intern hosts, and another internal team to communicate ideas and resolve conflicts.
- Created design docs and documented forms of project details/progression and daily individual progress.

Projects

Simplify C++: FullyHacks 2023 | HTML, CSS, JavaScript, Git   April 2023

- Collaborated with 2 other team members to create a beginner-friendly website to learn C++.
- Developed skills in HTML, CSS, Javascript, and UI/UX design.

Tuffle: a Wordle recreation | C++   April 2023 - May 2022

- Recreated the game Wordle using object-oriented programming and JSON to implement the backend.
- Designed and implemented the backend API to respond to user input on a webpage.

Space and Engineering Senior Service Project | Onshape (CAD Software)   Sep 2021 - Mar 2022

- Used CAD software, collaboration, and engineering skills to build a cabinet for the Girl's Basketball Program at Merrill F. West High.
- **Received Judge's Award.**

Leadership

Association of Computing Machinery   Aug 2023 - Dec 2023
Artificial Intelligence Officer

- Prepare content and help lead workshops for students interested in artificial intelligence at CSUF.

Skills

- **Programming Languages:** Java, C++, Python, HTML/CSS
- **Skills:** Onshape (CAD)