Payton Hsu

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Skills

Languages: Mandarin Chinese (Fluent) | **Certifications:** Microsoft Technology Associate: Intro to Java | **Technical Skills:** Proficient in C++, Java, Python, R

Experience

Volunteer AP Computer-Science A Tutor

Sammamish, WA | Eastlake High School | Fall to Spring 2023

- Provided private tutoring to a high school student three times a week.
- Created consistent weekly lesson plans for improvement and developed exercises for skills practice.
- Provided hands-on demonstrations of computer science concepts (e.g. recursion and polymorphism).

Volunteer Scratch Coding Camp Teacher's Assistant

Bellevue, WA | Lake East Christian Church | Summer 2024

- Taught children under 10 years of age how to effectively use Scratch to program video games, while prioritizing and developing their interest in computer science.
- Managed a class of 10 children weekly.
- Effectively utilized Mandarin-speaking skills to communicate task instructions to non-English speakers.

Education

University of Colorado Boulder

Boulder, CO | Computer Science B.S. | August 2024 to Present | Expected graduation May 2028 | 3.92/4.00 GPA

Eastlake High School

Sammamish, WA | September 2020 to June 2024 | 3.96/4.00 GPA

Relevant Completed Coursework

University of Colorado Boulder

- CSCI 2270: Computer Science II – Data Structures | Grade: A | Spring 2025
- CSCI 1300: Computer Science I – Intro to Computing | Grade: A | Fall 2024

Eastlake High School

- MATH 120 – University of Washington Pre-Calculus | Fall 2021
- AP Coursework: Physics I & II, Computer Science A, Statistics

Involvement

CU Game Development Club | Active member

- Collaborated with a team of 5 to develop a video game within 3 months.

CU Chinese and Taiwanese Student Association | Active member

Eastlake Swim and Dive | September 2021 to September 2023

Awards and Honors

- College of Arts and Sciences Dean's List Award | December 2024
- CU Boulder Chancellor's Achievement Scholarship | August 2024