

Lana Nakai

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EDUCATION

High School Diploma — Cupertino, CA, USA | June 2025

3.96 Unweighted GPA

6 AP courses, 2 Honors

Bachelor of Science — University of British Columbia

Intended Specialization: Computer Science

First Year Standing | Expected Graduation May 2029

TECHNICAL EXPERIENCE

Object Oriented Programming — Java

- Built a modular shape library using inheritance and polymorphism
- Created a physics engine simulating real-world physics, including gravity, collisions, and momentum between various kinds of dynamic objects
 - Included user interaction to prompt unique behavior from objects

Game Development

- Collaborated in a team to design a fully functional, timed, multi-stage ice cream building game inspired by popular game *Cooking Fever!*, where each food item exhibits unique properties
 - Extensive experience in Version Control
 - Used all key OOP concepts

Website Development — HTML, CSS, Javascript, React, Version Control

NwPlus HackCamp 2025 Hackathon

- Collaborated in a team of 4 to build a functional mockup of our project, *LearnLoop* in a short 18 hour timespan:
 - Students input the class they're studying for and the topics that they want to study to find study groups. They also have the option to create a

new session, including a time, location, and topic goals for the session. Other students can join, and each participant is randomly assigned a topic to learn. They are then responsible for teaching their assigned topic to the rest of the group, ensuring each participant both learns and contributes at the same time. Students can view a list of all the sessions they have joined on their personal dashboard, along with their friends and the sessions they're participating in.

Personal Website — HTML, CSS

- Designed and built a personal website implementing multiple pages
 - Focused on semantic design
 - Used best practice for Git & GitHub
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Course Work

- AP:
 - AP Computer Science A, AP Physics C, AP Calculus AB, AP Statistics
 - DSCI 100
 - CPSC 110
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VOLUNTEERING

Leadership Team — Japanese National Honor Society

May 2024 - May 2025

- Collaborate to teach interested students about Japanese culture
 - Hold monthly club meetings, present to ~30+ students regularly
 - Plan collectively for events, meeting presentations, etc.
- Secretary role: focus on communication
 - Within 9 person officer team and 50+ club members

Tutor — Japanese National Honor Society

Sep 2023 - May 2025

- Tutored students in Japanese within school
- Adjust to teaching varying levels, from intro to AP-level

Tutor — Community service

Dec 2023 - Nov 2024

- Tutor immigrant student in English
 - Lead hour-long one on one sessions based on student's personal needs
 - Clarify homework within varying school subjects
 - Prepare for English advancement test
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SKILLS

- Version Control (Git, GitHub)
 - Java
 - Semantic HTML5
 - CSS3
 - Object Oriented Programming
 - Systematic program design
 - Communication
 - Professional, efficient, clear, and punctual
 - Bilingual: Japanese and English
 - Team-oriented
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PROFESSIONAL EXPERIENCE

Waitress – USA

Jun - Aug 2025

- Work and maintain efficient communication within a large, cross-functional team
- Maintain a professional attitude at all times

Server/Cashier/Barista – USA

Jun 2024 - Apr 2025

- Create a positive environment
 - Work in a fast-paced setting
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LINKS

[GitHub](#) | [Linkedin](#)