

# Alan Lai

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## SKILLS

**Programming Languages:** Java, C++, Python, SQL, HTML

**Technologies:** Git, Linux, CSS, Embedded Systems, Microsoft Office, Node.JS, TDD, Express.JS

## EDUCATION

**Bachelor of Science in Computer Science and Software Engineering** Expected January 2022

University of Washington Bothell | Bothell, WA

GPA: 3.64

Relevant Coursework: Data Structures, Algorithms and Discrete Mathematics, Software Engineering, Technical Writing, Analysis and Design, Database Systems, Artificial Intelligence

## SOFTWARE & DESIGN PROJECTS

**Personal Website**, Used HTML, JavaScript, and CSS to design a personal website.

**Calculator**, Used Python to make a Calculator and Tkinter to create UI.

**Jolly Banker**, Used C++ to create a bank management system.

**Workout Regime**, Used Java to create a workout tracking application which can be updated daily. Used Object-oriented programming skills and UML diagrams.

## EXPERIENCE

**Teaching Assistant/Peer Facilitator**, University of Washington | Bothell, WA 2020 - Present

- Assisted teaching and peer reviewed for over 50 students in "CSS 143: Programming II" and over 300+ java projects a quarter.
- Coordinated weekly office hours on Discord to aid students in understanding assignments and guidelines for Java programs.

**Officer at Association for Computing Machinery Club**, UWB ACM | Bothell, WA 2021 - Present

- Helped organize 60+ CS events a year focused on sharpening technical skills and preparing students for the software engineering field.
- Promoted and collaborated on an annual hackathon, "UWB Hacks From Home."
- Worked with other officers to create over 10 problems for Technical Interview Preps.