

Alex Lai

(206) 372-8678 | alexlai@uw.edu | <https://www.linkedin.com/in/linkedinalex/> | <https://github.com/alex-t-l>

SKILLS

Languages: Java, C++, C, Python, SQL, JavaScript, HTML/CSS

Tools and Software: AWS, Git, Linux, Visual Studio Code, MongoDB

Libraries/Frameworks: Node.js, React.js, Express.js

EDUCATION

Bachelor of Science in Computer Science and Software Engineering

Expected, December 2022

University of Washington Bothell | Bothell, WA

- GPA: 3.68, Dean's List Honors
- Extracurriculars: Chief Technology Officer for the Association for Computing Machinery Club at UW Bothell
- Relevant Coursework: Data Structures and Algorithms, Technical Writing, Software Engineering, Cloud Computing, Database Systems, Artificial Intelligence, Operating Systems, Intro to AI, Hardware and Computer Organization

WORK EXPERIENCE

Incoming Software Engineer Intern (Winter 2022), Datadog | New York, NY

October 2021 - Present

- Incoming intern for Winter 2022 (January – April)

Software Engineer Intern, Lotus Project | Remote

July 2021 – September 2021

- Developed and maintained dashboard that displays main results from analytics team, worked on backend (**JavaScript**) to fix the zoom function of heatmap.
- Decide framework to integrate and display results using AWS
- Incorporate results of data analysis to JSON file format to visualize the results on a Google Maps platform.

Computer Science Tutor, University of Washington Quantitative Skills Center | Bothell, WA

June 2021 – Present

- Lead 15-minute one on one tutoring sessions to help about 100 students a quarter develop computation and quantitative skills.
- Applied constructive tutoring to empower students in programming, used feedback-based tutoring to analyze student's code when debugging.

Computer Science Teaching Assistant, University of Washington | Bothell, WA

December 2020 – Present

- Graded about 45 students' **Java** projects to assist the professor with grading and provide feedback on programming assignments, grader for Java I and Java II. Graded **C++**, **C** and **Python** Projects in AI, Operating Systems, and DS& Algos.
- Created a dozen **JUnit** code-testing programs to automatically grade student's **Java** Programs.

Chief Technology Officer, Association for Computing Machinery Club | Bothell, WA.

December 2020 – Present

- Helped design UWB's ACM annual spring hackathon website uwbhacks.com in **JavaScript**, **HTML**, **Sass** & **Bootstrap**.
- Managed the club **GitHub** organization account and make sure that our club repositories and projects had appropriate permissions and follow club standard.

PROJECTS

Personal Website, <https://alex-t-l.github.io/alex/>

November 2020 - Present

- Used **JavaScript**, **HTML**, and **CSS** to design a website that acts as my personal resume and biography.

Inspirational Quote Generator, <https://alex-t-l.github.io/Inspirational-Quote-Generator/>

July 2021

- Used **JavaScript**, **HTML**, and **CSS** to design a website that generates inspirational quotes.
- Fetches quotes from a URL using JSON, randomly generates a background image, colors, and quotes.

Posts, <https://github.com/alex-t-l/Posts>

September 2021

- Used **JavaScript**, **React**, **Node.js**, **Express**, & **MongoDB** to build a simple social media **full stack MERN application** that lets you post interesting media such as photos, videos, and text as a scrollable timeline.
- Created the project from start to finish, demonstrates full stack knowledge. Stores user's posts in a database using **MongoDB** in **NoSQL** format.

My City API, <https://github.com/alex-t-l/My-City-API>

October 2021

- Used **Java** to create a client app that outputs information from weather and nearby Cities RESTFUL API.
- Created program from start to finish, demonstrates ability to GET JSON files from HTTP connections.