# Kyle Huang

kylehuang041@gmail.com | linkedin.com/in/kyle-h | github.com/kylehuang041 | Seattle, WA

## EDUCATION

**Bachelor of Science in Computer Science and Software Engineering**            *Expected, June 2024*
University of Washington Bothell · Bothell, WA
- Dean's List: 2020 – 2021, Spring 2022 · GPA: 3.66
- Relevant Courses: Data Structures and Algorithms, Computer Programming, Web Programming, Analysis and Design, Computer Organization and Hardware, Network Design and Programming, Cloud Computing, Database Systems (In progress), Operating Systems (In progress)

## EXPERIENCE

**Lijie Cleaning LLC, Bellevue, WA**            *January 2024 – Present*
Fullstack Software Engineer Intern
- Collaborated with a partner to create a website that offers cleaning services.
- Utilized a tech stack including React with Vite, Express, Node, Postgresql, AWS EC2, Figma, and Docker for robust and efficient development.
- Facilitated meetings with an advisor with Zoom, planned our schedule and tasks using Trello, and used waterfall SDLC approach.

## PROJECTS

**Cloud App** · *HTML, CSS, JS, EJS, NodeJS, API, Blob Storage, CosmosDB, App Services*            *March 2023*
- Programmed a fullstack app on Azure for managing and formatting data from an API.
- Designed a webpage and integrated Blob and CosmosDB using MVC pattern with NodeJS and Azure.
- Created a robust cloud application that allows it to load, delete, and query data from APIs through UI.

**BlogIt Web App** · *HTML, CSS, JS, NodeJS, API, SQLite, ThunderClient*            *December 2022*
- Coded a user-friendly fullstack blog web app for managing blogs with reliable functionalities.
- Designed a custom BlogIt API to create, edit, delete, and store blogs and notes.
- Written, tested, and debugged both client and server completely and accurately.

**Shortest Path Maze Solver Program** · *C++*            *May 2022*
- Created a program that reads in multiple maze files outputting the visual shortest paths.
- Implemented backtracking DFS and BFS to calculate and draw out the paths.
- Improved problem-solving skills by creating an accurate maze solver and passed 100% of the tests.

**Bank Program** · *C++*            *February 2022*
- Built a bank ATM program with a focus on object-oriented programming.
- Implemented account functionalities and ATM functionalities such as login, deposit, and withdraw.
- Demonstrated a general ATM on how to manage and decouple accounts and functionalities.

**Calculator Desktop App** · *Java*            *December 2021*
- Crafted a calculator desktop app using GUI that solves complex expressions passing 100% of the tests.
- Calculated using postfix notation with order of precedence.
- Delivered a functional and user-friendly calculator for showcasing problem solving and Java skills.

**Restaurant Order Program** · *Java*            *June 2021*
- Made an interactive text-based restaurant order program.
- Used Java with OOP in creating a restaurant, waiter, and customer, and a visual text menu for orders.
- Designed a hassle-free ordering system for customers with visuals and an option to download receipts.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, C/C++, Java, Python, SQL
**Web Dev:** HTML, CSS, EJS, Node.js, Express.js, React.js, MySQL, SQLite, PostgreSQL
**Technologies:** VS Code, Git/GitHub, Linux, Azure App Services, Azure CosmosDB, AWS s3, AWS ec2, Docker, ThunderClient, Postman API, Trello, LucidChart, Figma