

Eric Chung

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Third year student at UW Paul G. Allen School of Computer Science and Engineering with specialization in web application development. Available part-time anytime and full-time from 06/2024 to 09/2024.

EDUCATION

University of Washington

Bachelor of Science in Computer Science

Seattle, WA

09/2021 – 06/2025 (expected)

TECHNICAL SKILLS

Programming: C, Python, Java, JavaScript, TypeScript, HTML/CSS/Sass

Frameworks: Django, Next.js, Bootstrap, Express

Database: MongoDB, MySQL

Libraries: React, jQuery, Node.js, Mongoose, Tween.js

Tools: Git, AWS, Azure, Docker, Figma, Adobe Photoshop, Adobe Illustrator

EXPERIENCE

Software Engineer

10/2023 – 02/2024

humanID

Seattle, WA

- Utilized **Stripe API** to efficiently update and monitor client balances via payment transactions, processing over **100** transactions weekly
- Configured **webhooks** using Python and Django to notify when client balances reached a specified threshold, reducing instances of low balance by **30%**
- Created robust **test suites** validating API functionalities and webhook responses, achieving **95%** test coverage and ensuring system reliability
- Optimized **MySQL** database queries, speeding up the retrieval and presentation of real-time client data on the dashboard by **10%**

Front End Web Developer

06/2022 – 09/2022

UW Sensors, Energy, and Automation Laboratory

Seattle, WA

- Developed a maintainable website from scratch in a team of **5** using HTML, CSS/Sass, and JavaScript
- Integrated responsive and consistent design to optimize web **user interface and experience** with **Bootstrap**
- Automated lab administrative process and notifications to lab members using **Google Apps Script**

PROJECTS

Light Weight Social Media – React, Next.js, TailwindCSS, TypeScript, MongoDB, Clerk, UploadThing, Zod

<https://github.com/eric-huychung/light-weight-media>

- Developed a full-stack/MERN web application that connects people within the fitness community
- Implemented TailwindCSS to create highly customizable layouts and Clerk for authentication and secured access
- Developed REST API using TypeScript and utilized Next.js for fast API actions
- Implemented MongoDB for handling complex schemas and multiple data population and Zod for validating data

Family Chat App – React, TypeScript, Express, Node.js, PostgreSQL, Bootstrap, Socket.io, Github Actions

<https://github.com/eric-huychung/fawg>

- Developed a PERN-stack chat web application for private family members with unique functionalities
- Implemented socket.io to enable real-time communication and Bootstrap for coherent layout and responsive design
- Developed REST API using Express.js and TypeScript and utilized Github Actions for smooth CI/CD process
- Managed user's input data using PostgreSQL CRUD operations