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 full-time from Jun 2024 to Sep 2024.

Education

University of Washington — Seattle, WA
Bachelor of Science in Computer Science — Sep. 2021 – June 2025 (expected)

Technical Skills

Programming: 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 — Oct. 2023 – Present
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 proactively 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 — June 2022 – Sep. 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 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

Light Weight – React, Express, Node.js, MongoDB, Bootstrap

https://github.com/eric-huychung/light-weight-app

- Developed a MERN-stack web application that keeps track of user's workout and fitness goal
- Implemented Bootstrap for coherent layout and responsive design
- Developed REST API using Node.js and Express.js and utilized Axios library to connect with backend endpoints
- Managed user's input data using MongoDB CRUD operations