Brian Lam

Software Engineer with 2+ years of experience crafting robust and accessible web applications. Specialized in React and modern JavaScript frameworks, with a strong focus on enhancing user experiences. Career-switched from an accounting role at a top 50 firm to pursue a passion for technology and drive innovative solutions.

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Experience

Jr. Frontend Developer — First Community Credit Union
Oct 2023 – Present | Coquille, OR

- Accelerated customer document management by reducing average time to send and request documents from 3 minutes to 30 seconds by designing and developing an intuitive document portal for staff.
- Modernized the company's live chat support system, reducing wait times by 60% by awaiting promises concurrently.
- Migrated the company's website from Vue2 to Vue3, following best practices and gaining a comprehensive understanding of the code base and framework.
- Optimized development speed and efficiency by reducing development server spin-up time from 15s to 1s by migrating from Webpack to Vite.
- Minimized bugs and reduced average time spent debugging by establishing unit and component tests.

Fullstack Developer Contract — Catalyze SV
Apr 2023 – Oct 2023 | Remote

- Collaborated with Product Managers, Designers, and Engineers to create user-friendly web interfaces while adhering to a11y standards.
- Enhanced maintainability of the codebase by consolidating 30 static Wix pages into a single page that retrieves data from the database, facilitating future updates.
- Integrated Google app scripts to enable live updates to the Wix database when saving data into a Google spreadsheet, increasing team efficiency by 50%.

Projects

RideFair — Decentralized Data Privacy Ride-Sharing App
Dec 2023 – May 2024 | https://github.com/lam-brian/RideFair

- Engineered a TypeScript/Next.js web application, integrating Mapbox for interactive mapping.
- Leveraged Web5 encryption to encrypt and store user data, ensuring secure travel and user control over data privacy.

Simplify — AI-Powered Text Summarizer and Flashcard Generator App
Oct 2022 – Dec 2022 | https://github.com/lam-brian/Simplify

- Developed a React.js/Node.js Fullstack application, implementing NLP and web scraping for automated text summarization.
- Automated the studying process by generating flashcards and summarizing text to enhance comprehension and retention.

Skills

Languages
JavaScript · TypeScript · HTML5 · CSS3 · Python

Frameworks/Libraries
Vue.js · React.js · Next.js · Redux · TailwindCSS · Jest

Toolkit
Vite · Webpack · Git · REST APIs · Figma

Interests
Badminton · Fitness · Bicycle Motocross (BMX) · Diabolo (Chinese Yo-Yo)

Awards

Web5 Hackathon — TBD
2nd place, 2024

API World Hackathon — API World
1st place, 2022

Education

B.A. in Business Economics
University of California, Irvine

Relevant Courses
Data Structures & Algorithms · Object-Oriented Programming