

Brian Lam

lambrian0206@gmail.com | (408) 981-8982 | [LinkedIn](#) | [GitHub](#)

TECHNICAL SKILLS

Languages: JavaScript | TypeScript | HTML5 | CSS3

Frameworks/Libraries: Vue.js | React.js | Redux | JQuery | Node.js | MongoDB | MySQL | Rest APIs | GraphQL | Git | Jest

Achievements: Web5 Hackathon (2nd place out of 1680+ participants) | API World Hackathon (1st place out of 390+ participants)

EXPERIENCE

First Community Credit Union

Coquille, OR

Jr. Front-End Developer

Oct 2023 – Present

- Spearhead and execute the **migration initiative from Vue2 to Vue3** for the company site, **comprising 200+ components**, allowing the codebase to be more stable for the future as Vue2 is no longer being maintained.
- Examine and update components by removing features and APIs that are no longer being supported and upgrading necessary dependencies to **prevent breaking changes** during migration.
- Enhance team productivity by transitioning from the Vue CLI to Vite, effectively **reducing local server spin-up time from 15s to 1s**, thereby minimizing idle periods and optimizing the development workflow.
- Collaborate with back-end developers to design and develop a user-friendly admin dashboard, enabling tellers to efficiently send and request financial documents from customers, leading to a **significant 80% decrease in document processing time**.
- Develop a role-specific performance tracker using Vue.js and D3.js, **empowering employees** to analyze annual metrics and statistics through interactive graphs, **facilitating targeted improvements**.

Catalyze SV

San Jose, CA

Full-Stack Developer

Apr 2023 – Oct 2023

- Implemented a Google App Scripts-powered automated data synchronization system to **streamline the workflow pipeline by up to 80%**, enabling effortless content management via spreadsheets for the non-technical client who found conventional CMS systems challenging.
- Achieved up to **100% reduction of data entry for the team**, by utilizing the Wix Google Sheet Integration API to automate the client's inputs into the database, resulting in significant time saving and improved accuracy of data input.
- Resolved cross-origin resource sharing (CORS) challenges hindering database access from a specific page by implementing iframes and window messages, **delivering swift and effective solutions** to the client.

PROJECTS

RideFair – Web5 ride-sharing app | [GitHub](#)

- Developed a decentralized ride-sharing progressive web app that aims to provide users with secure and safe traveling options by **safeguarding their personal data** and giving them the power to choose their own drivers.
- Utilized Web5 technologies, such as decentralized identifiers (DIDs) and decentralized web nodes (DWNs) to encrypt and safely store user data on their own personal devices, **ensuring personal data won't be collected and sold** to 3rd parties.
- Engineered the frontend with **React.js** and **Tailwind.css** frameworks and integrating an interactive mapping feature powered by the **Mapbox APIs** for seamless navigation and location tracking.

Simplify – NLP and web-scraping ed-tech app | [GitHub](#)

- Developed a full-stack productivity app that **automates the studying process for students** by generating flashcards and summarizing text, making it easier to comprehend extensive information and retain key concepts.
- Implemented an automated summarization feature by leveraging **NLP, Web Scraping, and Keyword Extraction APIs** to employ word frequency to score sentences and select the most suitable ones based on their average score.
- Constructed the frontend using **React.js** and utilized **Node.js, Express.js, and MySQL** for the backend, adhering to the MVC design pattern.

EDUCATION

University of California, Irvine

B.A. in Business Economics | Honors: Dean's List

Relative Coursework: Data Structures and Algorithms, Problem Solving and Object-Oriented Programming