

Brian Lam

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TECHNICAL SKILLS

Languages: JavaScript | TypeScript | HTML5 | CSS3 | Python

Frameworks/Libraries: Vue.js | React.js | Redux | Node.js | Express.js | MongoDB | Mongoose | MySQL | Rest APIs | GraphQL

Achievements: API Hackathon Winner (featured in 1M subscriber newsletter) | Hacker Rank Certificates (JavaScript, React)

EXPERIENCE

First Community Credit Union (Banking)

Coquille, OR

Jr. Front-End Developer

Oct 2023 – Present

- **Develop dynamic and interactive bar graphs** by leveraging Vue.js and D3.js, providing management with an intuitive tool to compare financial data, identify trends, and pinpoint areas for improvement.
- **Collaborate with back-end developers to design and implement a user-friendly admin dashboard**, enabling tellers to efficiently send and request documents from customers.
- **Coordinate with team members to overhaul the company's old intranet** and migrate from a PHP-based structure to Vue.js, creating a responsive and accessible platform for employees.

Catalyze SV (Sustainable Development)

San Jose, CA

Full-Stack Developer, Volunteer

Apr 2023 – Oct 2023

- **Implemented a Google App Scripts-powered automated data synchronization system to streamline workflow pipeline by up to 80%**, enabling effortless content management through spreadsheets and real-time dynamic rendering on the website for enhanced content and state management.
- **Achieved up to 100% reduction of data entry for the team**, by utilizing the Wix Google Sheet Integration API to automate our client's inputs into the team's data collection, resulting in significant time saving and improved accuracy of data input.

VitalConnect (Health Tech)

San Jose, CA

Mobile Technician

Nov 2022 – Oct 2023

- **Developed a new internal tool that automates proper data formatting for over 1600+ phones per day**, by leveraging JavaScript, HTML/CSS to properly manipulate data strings, resulting in a significant reduction of input errors by 50%.
- **Spearheaded training workshops for team members to optimize workflow up to 25%**, leveraging insights gained from reviewing management software documentation and strategically revitalizing the outdated mobile workflow, leading to enhanced productivity.

PROJECTS

Simplify (API Layer Sponsor Project) | [GitHub](#)

- **Developed a full-stack application that automated the studying process for students** by generating flashcards and summarizing text using React.js, Node.js, and Express.js, while adhering to the MVC design pattern.
- **Implemented an automated summarization feature** by leveraging NLP, Web Scraping, and Keyword Extraction APIs offered by API Layer to employ word frequency to score sentences and select the most suitable ones based on their average score.
- **Enhanced application security and user experience** by implementing a session-based persistent login system, utilizing MySQL for secure user data management and storage.

LEADERSHIP EXPERIENCE & ACTIVITIES

Open Source San Jose

San Jose, CA

Full-Stack Developer, Volunteer

Apr 2023 – Oct 2023

- Volunteered actively to contribute to community-driven initiatives aimed at leveraging technology and coding skills for the betterment of the local area. Participated in community projects to tackle pressing challenges and create innovative solutions.

EDUCATION

University of California, Irvine

2020

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

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