Brian Lam

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TECHNICAL SKILLS

Languages: JavaScript | HTML5 | CSS3 | Python
Frameworks/Libraries: React.js | Redux | Node.js | Express.js | MongoDB | Mongoose | MySQL | Rest APIs
Achievements: Hackathon Winner (featured in 1M subscriber newsletter) | Hacker Rank Certificates (JavaScript, React)

EXPERIENCE

Catalyze SV | **JavaScript Developer (Volunteer)** – *San Jose, CA*   *Apr 2023 – Present*
- Leverage Zapier to automate data synchronization between Google Sheets and a Wix Collection, creating a seamless workflow that updated the collection in real-time when a row was created or updated in the Google Sheet
- Utilize the Wix Google Sheets Integration API to integrate an online form with a Google Sheet, reducing data entry time by 50% and improving accuracy of data input

VitalConnect | **Mobile Technician** – *San Jose, CA*   *Nov 2022 – Present*
- Utilize mobile device management software to troubleshoot and configure hundreds of smartphones remotely
- Coordinate with the team lead to identity inefficiencies in the team's workflow and implement a task allocation process to divide work among team members, resulting in a significant 50% increase in productivity and output
- Create an HTML, CSS, and JavaScript-based internal tool that simplifies the team's daily tasks through efficient string manipulation, resulting in a more user-friendly approach to data formatting

API World Hackathon - API Layer | **Full-Stack Developer** – *San Jose, CA*   *Oct 2022 - Nov 2022*
- 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
- Leveraged NLP, Web Scraping, and Keyword Extraction APIs offered by API Layer to create an automated summarization logic that employs word frequency to score sentences and selects 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

PROJECTS

AniMix | **GitHub**
- Developed a single-page application using React.js, React-Router, and Redux to allow users to search and track their favorite anime shows
- Implemented secure authentication using JSON web tokens (JWT) and integrated Firebase for real-time data synchronization and storage

Hungrify | **GitHub**
- Engineered a responsive front-end application using HTML, CSS, and JavaScript to render cooking recipes
- Employed a dynamic feature that automatically adjusts ingredient quantities based on the serving size and incorporated local storage functionality that enables users to save and access their favorite recipes with ease

LEADERSHIP

Zeta Phi Rho | **Violence Intervention Prevention Officer**   *2019 – 2020*
- Planned and facilitated several on-campus events to bring sexual violence awareness by developing educational pamphlets, presentations, marketing materials, and led training sessions to support victims of sexual assault

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