

# Brian Lam

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## TECHNICAL SKILLS

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**Languages:** JavaScript | HTML5 | CSS3 | Python

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

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

## EXPERIENCE

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**Catalyze SV** (*Sustainable Development*)

**San Jose, CA**

*Frontend Developer*

*Apr 2023 – Present*

- **Implement 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.
- **Achieve 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.
- **Demonstrating expertise in conducting thorough code reviews, proactively identifying and resolving 95% of issues**, while fostering effective communication with team members to provide guidance and ensure a comprehensive understanding.

**VitalConnect** (*Health Tech*)

**San Jose, CA**

*Mobile Technician*

*Nov 2022 – Present*

- **Develop 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25%**, leveraging insights gained from reviewing management software documentation and strategically revitalizing the outdated mobile workflow, leading to enhanced productivity.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

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**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

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**Code for San Jose**

**San Jose, CA**

*Full-Stack Developer*

*Apr 2023 – Present*

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

**J.P Morgan SWE Virtual Experience**

**Remote**

*Virtual Intern*

*Aug 2022 – Sep 2022*

- Implemented the use of J.P Morgan's open-source code (Perspective) in preparation for data visualization and interaction with stock price data feeds and the use of systems for data analysis. Utilized the company's in-house analytics, perspective and contributed to an interface to display an assortment of live and historical data for traders at their workstation.

## EDUCATION

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**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