

Brandon Le

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WORK EXPERIENCE

Vitametrics

Monterey, CA

Co-Founding Software Engineer

January 2024 – Present

- **Led development** of the applications **frontend**, implementing backend solutions with refactored and reusable React components. **Optimized load times by 40%** as verified by **Google Lighthouse**.
- **Initiated and managed** a **beta test** with over **100 Fitbit devices** at **Iowa State University**, leading to critical user feedback and performance data.
- Secured a **\$2000 partnership** with **Monterey Peninsula College**, enhancing project resources and fostering **academic collaboration**.

Intern Guys

Remote

Software Engineer Intern

January 2024 – April 2024

- **Optimized C#** job search algorithm to **50% faster search time** and **75% in job matching accuracy**.
- **Created a blog** for the CEO to promote start-ups, resulting in a **20% increase in engagement**.
- Participated in **code reviews**, ensuring adherence to best practices and maintaining high code quality.

Monterey Peninsula College (MPC)

Monterey, CA

Full-Stack Web Developer

June 2023 – December 2024

- Created a peer-grading website that **handles 600 student submissions annually**.
- Deployed an **optimized Python algorithm** to efficiently sort and allocate 3 project links to each user for peer grading, **automating** and **reducing manual processing time by 99%**.
- Managed and optimized SQLite databases, resulting in a **30% reduction in query times**.

Hexfork

Remote

Lead Software Engineer Intern

June 2023 to November 2023

- **Led a team of five interns** in the development of React site, leading to a **35% increase in user clicks** and **higher search engine rankings**.
- **Lessened development time by 40%** by creating reusable React components.
- **Created an automated python bot** tracked employee hours and graded company performance, increasing **hours reporting accuracy by 60%**.

PROFICIENT SKILLS AND QUALIFICATIONS

Languages: Typescript, JavaScript, HTML/CSS, PHP, C#, C++, Java, Python

Frameworks & Backend: React.js, Node.js, NET Core, Express, Tailwind, Sass,

Tools: MongoDB, SQL, SQLite, MySQL, Influx DB, Azure DevOps, Amazon Web Services, Git

Professional Practices: Code Reviews, Unit Testing, Agile Methodologies, Version Control

EDUCATION BACKGROUND

Monterey Peninsula College, Monterey, CA

A.A in Social Sciences (Highest Honors)

2020-2022

University of California, Los Angeles

B.S in Computer Science

Present

PERSONAL PROJECTS

Miso

- **Developed a multi-functional productivity app** using **React and Node.js**, allowing users to use over 9 widget features and customize their dashboard according to their preferences and needs.
- **Built a two-Factor Authentication system** and **integrated multiple APIs** such as Spotify Web and Weather, providing users with seamless access to their music and real-time weather updates.

Math-Science Upward Bound (MSUB) Static Website

- Constructed a **multi-responsive website** intended for applications and discovery of the MSUB program. Voluntarily built to give back to my community and expand opportunities for local students.
- **Implemented a user-friendly interface** with **React and Sass (SCSS)**, making the website accessible and easy to navigate on both desktop and mobile devices.