

Brandon Le

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WORK EXPERIENCE

Vitametrics Monterey, CA
Co-Founding Software Engineer January 2024 – Present

- Led development of the applications **frontend**, constructing refactored React components and **optimizing load times by 40%** based on **Google Lighthouse's** analysis.
- **Initiated a beta test** with **Iowa State University** and successfully partnered with **Monterey Peninsula College** to accumulate **\$2000 in funding**.

Intern Guys Remote
Software Engineer Intern January 2024 – March 2024

- **Optimized C#** job search algorithm to **50% faster search time and 75% in job matching accuracy**.
- **Created a blog** and writing interface for the CEO to streamline advice and promote start-ups to users.

Monterey Peninsula College (MPC) Monterey, CA
Full Stack Web Developer June 2023 – December 2024

- Created PHP and Bootstrap **production solutions** on a peer-grading website that **handles 300 student submissions every semester** with SQLite databases.
- **Implemented an optimized algorithm** in Python to sort and handle 300 students' input data and perform the disbursement of 3 project links to each user for peer grading and collecting submissions.

Hexfork Remote
Lead Software Engineer Intern June 2023 to November 2023

- **Led the production** of a React site with five interns, that served as the company's main page.
- **Created a automated python bot** tracked employee hours and graded company performance.

PROFICIENT SKILLS AND QUALIFICATIONS

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

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

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

Professional Practices: Agile Methodologies, Production Coding, Collaboration, SCRUM, 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** with over 9 widget features, allowing users to customize their dashboard according to their preferences and needs.
- **Integrated multiple APIs** such as Spotify Web and Weather, providing users with seamless access to their music and real-time weather updates.

Vitametrics

- An open-source web application and docker program that utilizes Fitbit Web API and Intraday for researchers to analyze and export their data for research studies.
- **Created a responsive and intuitive user interface** with React and Tailwind, enhancing user experience across various devices.

Math-Science Upward Bound (MSUB) Static Website

- An open-sourced 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.