

Brandon Le

831-296-6761 | brandonle831@gmail.com | Seaside, CA 93955 | <https://brandonle.dev>

SUMMARY

First-generation college student and software developer with 2 years of experience in full-stack development and software engineering. Immense curiosity to software that makes the world a safer and productive place.

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

WORK EXPERIENCE

Monterey Peninsula College (MPC)	Monterey, CA
Software Developer	January 2024 - Present

- **Designed, optimized, and led the frontend of Vitametrics** in Typescript where 2 currently associated universities can connect Fitbit technology using Fitbit's Intraday API
- Developed scalable backend APIs, capable of handling over 1000 data points of fitness data for **exportation through the front-end interface**.

Full Stack Developer	June 2023 – December 2024
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- 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.

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.

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, InfluxDB, Azure DevOps, Amazon Web Services, Git

Professional Practices: Agile Methodologies, Production Coding, Collaboration, SCRUM, Version Control

PERSONAL PROJECTS

Miso

- A productivity web app encompassing over 9 widget features, to bring a dynamically customizable user experience with their very own digital companion! Incorporates several API's including Spotify Web, and Weather, and multiple React libraries (Chart.js, datetime, draggable, etc.).
- Built in React, Express, Node.js, MongoDB, CSS

Vitametrics

- An open-source research database web application and docker program that utilizes Fitbit Web API and Intraday for researchers to analyze and export their data for research studies.
- Built in React, Node.js, Express, MongoDB, Tailwind

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.
- Built in React, Sass (CSS)