Brandon Tran Le

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WORK EXPERIENCE

Vitametrics   Monterey, CA

Co-Founding Software Engineer   *January 2024 – Present*

- **Led front end development** of the web application, implementing back-end solutions with refactored and reusable React components, improving **loading 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   Irvine, CA

Software Engineer Intern   *January 2024 – April 2024*

- **Remade** a job search algorithm in C# for **50% faster search time and 95% in job matching accuracy**.
- **Created a blog** for the CEO to promote start-ups, resulting in a **20% increase in engagement**.
- Participated in **15+ code reviews**, resulting in a **95% reduction in post-deployment bugs**.

Monterey Peninsula College (**MPC**)   Monterey, CA

Full Stack Web Developer   *June 2023 – December 2024*

- **Created a peer-grading website** in PHP and Bootstrap HTML to **handle 600 project submissions.**
- Built a **Python API** to sort and allocate 3 project links to each user for peer grading, **automating** and **reducing manual processing time by 99.87%**.
- Managed and **optimized SQLite databases**, resulting in a **30% reduction in query times**.

Hexfork   Oxford, England, UK

Lead Software Engineer Intern   *June 2023 – November 2023*

- **Led a team of five interns** in achieving a **35% increase in user clicks** and **higher search engine rankings** in development of the company's React site.
- **Lessened development time of React applications by 40%** by creating reusable React components.
- **Developed an automated python bot** to record employee hours, increasing **hours reporting accuracy by 60%** compared to manual reporting.

PROJECTS

Miso

- **Developed a multi-functional productivity web application** in **React and Node.js,** allowing users to use over 9 widget features and customize a dashboard according to user preferences and needs.
- **Deployed a 2FA system** and **integrated multiple external APIs using Node.js** for widget functionality.

Math-Science Upward Bound (**MSUB**) **Static Website**

- Constructed a **React website** intended for discovery of the MSUB program to over **1000 students**.
- **Designed a responsive interface** in **React and Sass**, ensuring accessibility on desktop and mobile.

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, C#, C++, Python, PHP, Java

Tools / Frameworks: React.js, Node.js, .NET Core, Tailwind CSS, Git, Amazon Web Services, Azure, Jest

EDUCATION BACKGROUND

University of California, Los Angeles	Bachelor of Science in Computer Science	Expected 2026
Monterey Peninsula College	Associates of Arts in Social Sciences	2020-2022