Timmy Tram

San Francisco, California | (415) 518-4582 | tramtimmy89@gmail.com | Portfolio | GitHub

Education

San Francisco State University - BS in Computer Science, Minor Video Game Studies
August 2020 - December 2024 | GPA: 3.96 | Scholastic Distinctions: Dean's List - All Semesters

Skills

Languages: Java, Python, TypeScript, Javascript, C/C++, HTML, CSS, Swift
Technology: React, MySQL, Express, MongoDB, Prisma ORM, Next.JS, Git/Github, TailwindCSS

Projects

Monster Hunter Wilds Wiki - Multilingual Fan Wiki for Monster Hunter   March 2025 - Present
- Created an intuitive and user-friendly website with a user base in the two digit range.
- Supporting up to **10 languages** and other features like light / dark mode.
- Implemented projections into API fetch calls to reduce JSON bundle size by **95%.**
- Supports various screen sizes including Desktop, and Mobile devices.

Tokei - Anime & Manga Info Platform   February 2025 - March 2025
- Developed a full-stack application using Next.JS with emphasis on a modern React UI.
- Implemented debounced search to optimize API calls and improve performance by **30%.**
- Designed reusable components reducing overall code duplication by **20%.**
- Created a comments API that contains pagination metadata, greatly reducing data bundle sizes by upwards of **90%.**

Coffee Spot - Curated Study Spot Finder for SF Bay Area   August 2024 - December 2024
- Served as the **Backend Lead**, in a **team of 7** which involved mentoring backend teammates on RESTful API design, lead pair programming sessions once to twice a week.
- Led the design and implementation of the database schema and RESTful API..
- Wrote Jest Unit Tests for the API achieving **89% coverage** and created **12 integration test** cases and documented them in an Excel sheet.
- Performed Code Reviews on Pull Requests, improving code quality and **preventing 20% of bugs** from entering the main branch.
- Created documentation for **100% of the Backend Rest API** and **100% of the fetch hooks.**

Activities & Experiences

SF Hacks   March 2021
- Participated in a team of 2 and created a python web scraper reducing manual search time by **80%.**

Balboa High School Army JROTC   August 2016 - May 2018
- Managed logistics involving uniform and table count and sizes for an entire Company.
- Served as a Squad Leader, ensuring upwards of 4-5 teammates were conducting cleanups and marching protocols correctly.