Andrew Dao

Andrewdao0710@gmail.com | 408-410-5859 | San Jose, CA 95035
University of San Francisco | San Francisco, CA | 05/2021
Bachelor of Science: Computer Science

Skills

- **Languages:** Java, JavaScript, C, HTML, CSS, D3.js
- **DataBases:** PostgreSQL, sql
- **Tools:**Tableau, Git, VsCode, Apache, Eclipse IDE, Maven, JUnit
- **Tech stacks:** PERN
- Testing and debugging

- Performance and scalability optimization
- Design and development
- Oral and written communications
- Multitasking

Projects

Fitness Tracker

Description: A web browser fitness solution app. Enable personal trainers and clients to effectively manage their workouts and progress in an efficient manner.

- Developed dynamic components for the app, in order to streamline customer experience
- Collaborated with peers to set goals in order to meet deadlines
- Adapted by learning the PERN stack over a few weeks.

League of Data Vis

Description: A series of data visualization showcasing data from the riot game's API or data of the web using python. The goal was to allow newer players to have quick access to data not easily found.

- Developed data visualization, in order to display information accurately
- Improved UI over the course of development
- Attained critical feedback to improve upon, and successfully implemented feedback.

Search Engine | Developer

Description: A back-end and dynamic front-end(full stack) multi-Threaded in-memory web crawler and search engine from scratch.

- Developed maintainable and reusable code, eliminating numerous unique bugs.

Memory Allocator | Developer

Description: Develop a custom memory allocator using a circular array.

- Implemented malloc, calloc, realloc from scratch.
- Gain an understanding of how operating systems function.

Digital Processor | Developer

Description: Implement and simulate a simplified ARM micro-architecture in Digital. **Used:** Digital, Assembly, C

- Learned how Machine code instructions operate