Kaitaku J. Takeda

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Skills

Programming Languages: Javascript, PHP, Golang, C++

Education

B.A. Computational Mathematics, June 2017
Minor in Computer Science, June 2017
University of California, Santa Cruz

Certification

Docker Certified Associate, Docker Inc, June 2019

Coursework

- Introduction to Programming
- Software Engineering
- Advanced OO Programming
- Mobile Applications
- Web Applications

- Introduction to Analysis of Algorithms
- Algorithms and Abstract Data Types
- Applied Discrete Mathematics
- Advanced Linear Algebra
- Number Theory

Experience

Software Engineer: Beverly Glen Laboratories Inc, Huntington Beach CA, 2017 – Present
- Developed the backend for e-commerce platform using PHP with Symfony based framework
- Designed a highly maintainable MySQL database for customer surveys and its responses.
- Cooperated with fellow developer to build and design a project management tool that provides a quick overview for marketers to visualize ongoing campaigns and promotions. Projects had a tree view for tasks in one pane and a gantt chart on the other. Used React, GraphQL, Node.js, and PostgreSQL for database
- Specialized in Git and Docker for efficient development while helping other developers and designers troubleshoot when necessary

Projects

MixIn, Web Application for sharing music in a chat room
- Collaborated with 5 other Computer Science students to design and develop an application that allows users to share their favorite songs in a chat room
- Utilized Soundcloud API and Youtube API
- Used python for backend, mainly javascript for frontend, and web2py framework

FAM, Application for users to connect through social activities
- Worked jointly with 4 other Computer Science students to develop a web/mobile app where users get community input of local events and activities.
- As the scrum master, I was responsible for having deep understanding of technologies used, and management of team tasks
- Used MongoDB, Express.js, Angular2, and Node.js

PriceWatch, Mobile application for users to stay updated with prices on e-commerce
- Designed and developed a hybrid mobile app using Cordova and Ionic
- Integrated challenging technologies such as server-sent-events to make the app energy efficient