Vivian Thach

408-472-6243   vivianlthach@gmail.com   Portfolio   LinkedIn   Github

SKILLS   JavaScript / React / Redux / Java / Python / Flask / Node.js / Express.js / PostgreSQL / Git / SQLAlchemy

EDUCATION
AppAcademy - 1000+hour immersive full-stack web development program with <3% acceptance rate, 2021
University of California, Irvine - *B.S. Computer Science, 2014 - 2018*

PROJECTS
BattleFit | *(React, Redux, Flask, PostgreSQL, SQLAlchemy, AWS S3)*   **live** | **github**
A minimalistic gamified workout tracker where users can create custom exercises, keep track of their exercise logs, and battle/collect mythical creatures whilst getting fit.
- Incorporated AWS S3 image uploading and built a helper React component to accelerate monster and exercise data seeding, allowing for scalable and maintainable image services.
- Implemented an intuitive Health Bar for Monster Battles using a combination of JavaScript DOM manipulation and React's useEffect Hooks to dynamically update and render as users log battle exercises.
- Decreased production time by utilizing GitHub Actions to automate Heroku deployment

SplitaBill | *(React, Redux, Flask, PostgreSQL, SQLAlchemy, AWS S3, Stripe API)*   **live** | **github**
A single-page Splitwise and Venmo inspired clone where users can split their expenses between friends and keep track of their financial records all in one place.
- Pioneered the frontend development process by using modern-day redux store state shapes to design a comprehensive shape fit for SplitaBill's data handling needs.
- Leveraged Stripe API to implement the fake checkout feature, improving the user experience of payments.
- Established a solid design solution using the best of both Splitwise and Venmo applications to provide a more intuitive user experience.

Tabletop Quest | *(React, Redux, Express.js, Node.js, PostgreSQL, Cloudinary API)*   **live** | **github**
A clone of Product Hunt where users can submit tabletop game products and partake in discussions between other board game lovers.
- Showcased a variety of tabletop games to browse by utilizing Sequelize to query into the backend database of products with owner information, displaying the most recent product posts to the users.
- Integrated React Routes to authorize users to dynamically create, update, and delete products using Redux, Thunk middleware, and Fetch API to asynchronously update the database and the frontend Redux store state.
- Improved product feature by modularizing the React Component for product creation/update using props and React hooks, improving UX for users to easily see pre-filled inputs when updating a product

EXPERIENCE
Volunteer
RAFT: Resource Area For Teaching | San Jose, CA   Nov 2020 - Jul 2021
- Assembled a series of 100+ STEM project kits and learning activities for K-12 students.
- Aided and provided feedback to teachers in workshops for children learning STEM remotely during the pandemic.

Team Leader
ShareTea | Irvine, CA   Jul 2018 - Dec 2018
- Excelled in a fast-paced team environment while displaying exceptional customer service, increasing team morale.
- Spearheaded the training of a team of 20+ new trainees as a senior member.
- Oversaw opening and closing duties of the shop including inventory checking and store setup/cleanup

UI / UX Intern
ClubTree Startup | Irvine, CA   Jan 2017 - Sep 2017
- Extracted user stories and requirements from client market research of over 10 clubs at UCI's campus.
- Conducted weekly standup meetings with the project lead to relay results of the client research surveys.
- Designed and delivered mock-ups of the web application with development, design, and marketing teams.