John Jaeyoung Lee

Skills

Python, Flask, SQLAlchemy, PostgreSQL, JavaScript, React / Redux, Node.js, Express, Sequelize, HTML5 / CSS3

Projects

Alter Self   live site
JavaScript, Python, React / Redux, Styled Components, SQLAlchemy, Flask, Alembic, WTForms
A stylish single-page Dungeons and Dragons character manager.
- Integrated an AWS bucket to allow users to directly upload portraits for character sheets.
- Implemented auto-updating in response to number input manipulation through use of React's useEffect hook and Redux as well as debouncing to prevent a multitude of successive database requests.
- Combined conditional CSS application, React's useRef and useEffect hooks, setTimeout functions, and the Fisher-Yates Shuffle to render both sequential and randomized fade-in rendering of components.

Loot Locker   live site
JavaScript, Python, React / Redux, Styled Components, SQLAlchemy, Flask, Alembic, WTForms
An Etsy clone themed around items and doodads from various video games. Collaborative.
- Worked as a team with 3 other developers, seeking to ensure clean Git practices with use of feature branches, pull request reviews, and regular communication.
- Built a custom stars rating React component for use with the site's rating system, utilizing event listeners and CSS manipulation to achieve a smooth "sliding" effect on hover.
- Made use of the "search" property of the URL interface to provide the user with a history of their in-site queries as I developed the search feature itself.

Experience

Cohort Instructional Assistant | January 2023 - March 2023
App Academy
- Accompanied and managed a group of at times 100+ students as they progressed through the App Academy curriculum while cultivating a culture of interpersonal harmony and clear communication.
- Presented regular lectures designed to bolster both technical knowledge and student experience, speaking on topics ranging from growth-mindset learning to closures and recursion in JavaScript.
- Maintained constant communication with instructional team members to ensure clear expectations amongst students as to both the nature of the learning material and relevant assessments.

Junior Instructional Assistant | March 2022 - January 2023
App Academy
- Regularly assisted students with both conceptual and practical guidance in App Academy's Python and Microservices module.
- Provided lectures on such topics as the union of React / Redux with a Flask-SQLAlchemy backend and effective use of Redux in full-stack application design.
- Regularly lead groups of up to 4 students as project manager for their group projects, overseeing design choices, progress, deadlines, and group communication and dynamics.

Education

App Academy | Spring 2022 | Remote
1000-hour immersive software development bootcamp with <3% acceptance rate that emphasized pair programming and agile workflow in acquisition of both front- and backend development tools.

Occidental College | Spring 2015 | Los Angeles, CA
BA in English and Comparative Literary Studies