Kevin Zhang

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Skills

React.js, Redux, JavaScript, HTML5, CSS3, SQL, Heroku, Python, Flask, SQLAlchemy

Projects

CookBook live site | github

React.js, Redux, JavaScript, Python, Flask, SQLAlchemy

Platform for home cooks to share and discover recipes

- Implemented Python Flask server endpoints to serve the current site's functionality, allowing users to create, read, edit, and delete recipes, ingredients
- Employed Redux as a repository of that data returned from the server to be accessed in constant time, all
- Capitalized on recyclable components in React to render modals and recipe cards, simplifying the development process and making the user experience more uniform across the site
- Used ternary statements in HTML element class name attributes for more greater granularity controlling the functionality and design of those elements, demonstrated in the search and rating components

swEtsy live site | github

React.js, Redux, JavaScript, Python, Flask, SQLAlchemy

Marketplace for workout equipment–clone of Etsy.com

- Worked collaboratively with three other teammates utilizing trunk-based development with Git & Github
- Utilized React's built-in context, state, and prop features to pass data seamlessly throughout the applications frontend, mitigating the need for time-consuming fetch requests on each page render
- Integrated SQLAlchemy to facilitate the flow of information between server and PostgreSQL database, returning that data transformed back to the front end client

Meetup live site | github

JavaScript, Express, Sequelize, React.js, Redux, Heroku CLI

Clone of Meetup.com

- Implemented an Express API to handle user requests interacting with user authentication, groups, and events
- Established a custom redirect wrapper in React to move users to various pages based on their auth status

Experience

Sr Financial Analyst | August 2019 - August 2021

Raytheon Technologies

- Drove team strategy by weighing the factory's production capabilities and client demands to maximize annual revenues averaging $60 million in order to meet internal revenue, profit, and growth targets
- Analyzed program performance using SAP ERP data and proprietary Excel models to improve schedule and cost efficiency, increasing profit margins by 30 percentage points for our most efficient production lines

Education

App Academy | 2022

Full Stack Web Development

Northwestern University | 2019 | Evanston, IL

BA Economics