Kevin Gao

San Francisco, CA (909) 967-5511 kevingao52997@gmail.com LinkedIn GitHub

Skills JavaScript, Python, React.js, Redux, SQL, Git, HTML5, CSS, PostgreSQL, Express.js

Projects

Spent-Lès   Live Site | GitHub

An Asana inspired personal finance manager using: Python-Flask, SQLAlchemy, PostgreSQL, JavaScript, React/Redux, HTML5, CSS

- Implemented a functional, accurate-to-real-time calendar using *momentjs* framework and JavaScript logic to allow users to create monthly plans for spending
- Created a dynamically updating system for leaving & editing tips on other users' spending plans with fetches made to the backend plans model, which has a Flask-SQLAlchemy enabled relationship with the tips model
- Designed a modular home page for displaying users' multiple spending plan breakdowns as widgets by populating Redux state with plans and spendings, then filtering state within React components

Accord   Live Site | GitHub

A Discord clone using: Python-Flask, SQLAlchemy, PostgreSQL, JavaScript, React/Redux, HTML5, CSS

- Designed join and leave servers functionality by setting up unique route handlers for join and leave in Flask backend and dispatching fetches to routes in Redux store
- Developed channels within servers through filtering Redux state from useSelector, as well as default "General" channel creation upon new server creation
- Integrated socket.io Flask backend and React frontend to allow for real-time live chatting via DMs and server channels

RareBeeNBee   Live Site | GitHub

An Airbnb inspired bee-catching app using: ExpressJS, Sequelize, PostgreSQL, JavaScript, React/Redux, HTML5, CSS

- Designed system for dynamic rendering of bookings through dispatches made upon booking dates as dependencies
- Made validations for both backend models and frontend forms to ensure valid data is entered into the database

Music Hunt   Live Site | GitHub

A Product Hunt inspired music browser using: ExpressJS, Sequelize, PostgreSQL, JavaScript, HTML5, Pug, CSS

- Developed method to embed songs into application with Pug and user-uploaded Spotify URL links
- Implemented dynamic comment section using JavaScript DOM manipulation
- Created dynamic upvote system for songs using a many-to-many relationship between songs and users

Education

App Academy   March 2022-August 2022

- Software engineering bootcamp focusing on full-stack software engineering

University of California, San Diego   September 2015-December 2020

- Bachelor's, Physiology & Neuroscience