Kevin Gao

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

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

Experience

Code For SF   *Volunteer Developer*   May 2023-Present

- Aided in development of Project RoutED, an app that establishes a real-time communication pipeline between emergency departments and their EMT partners in San Francisco, speeding up patient care
- Led the transition from React Router v5 to React Router v6 for Project RoutED

Projects

Spent-Lès   Live Site | GitHub

A 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
- Leveraged the **React** library to allow for logging of daily spendings in an easy-to-read monthly calendar
- Created a **dynamically updating system** for leaving & editing tips on other users' spending plans
- 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 **REST API** 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** into **SQLAlchemy** backend and React frontend to allow for real-time live chatting via DMs and server channels
- Coordinated teamwork efforts between project members to push out the completed project within a week

RareBeeNBee   Live Site | GitHub

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

- Developed extensive REST API using **Sequelize ORM** and **ExpressJS**
- 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 entry into database

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