

# Kevin Gao

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**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
- Implemented dynamic rendering of bee spot preview image by setState functions called upon changing of image URL dependency
- Made validations for both backend models and frontend forms to ensure valid data is entered into the database

## Education

### App Academy

March 2022-August 2020

- Software engineering bootcamp focusing on full-stack software engineering

### University of California, San Diego

September 2015-December 2020

- Bachelor's, Physiology & Neuroscience