

# Katherine Mai

Austin, TX | [LinkedIn](#) | [Github](#) | [Portfolio](#) | [Katherine.mai143@gmail.com](mailto:Katherine.mai143@gmail.com)

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## Skills

Javascript, Python, React.js, Redux.js, HTML, CSS, responsive design, Node.js, SQL, PostgreSQL, SQLite, Sequelize, Express, Flask, SQLAlchemy, Postman, API Development, AWS S3, Mocha, Git, Pair Programming, Object-oriented programming (OOP)

## Projects

**LinkedUp** (Javascript, Python, HTML5, CSS, React, Redux, Flask, SQLAlchemy) [live](#) | [github](#)

*Full-stack clone of LinkedIn, a professional networking web application to connect with colleagues, classmates, and friends*

- Implemented the front-end using React and Redux for building reusable UI components, such as the individual posts and comments, and managing the application's state.
- Created a RESTful API using Python and Flask to handle the back-end logic and database operations for creating, reading, updating, and deletion (CRUD) of posts, likes, following and comments.
- Studied and utilized the Boto3 library to seamlessly integrate AWS S3 buckets into the application, improving the user experience (UX) for uploading images while also reducing server load

**RocketHood** (Javascript, Python, HTML5, CSS, React, Redux, Flask, SQLAlchemy) [live](#) | [github](#)

*Full-stack clone of Robinhood, a trading platform with live charts to buy/sell assets*

- Leveraged the AlphaVantage API to source accurate real time stock data to simulate the purchase and trade of stocks
- Utilized Yahoo Finance API and AlphaVantage API using Python and Flask to handle the back-end logic and database operations to track user's news preferences, watchlists, and purchased stocks.
- Collaborated in an Agile workflow with four software engineers to plan and prioritize project tasks, ensuring the successful completion of MVPs within a two-week timeframe. Utilized Git for version control.

**notAirBnB** (Javascript, HTML5, CSS, React, Redux, Flask, Sequelize, PostgreSQL) [live](#) | [github](#)

*Full-stack clone of Airbnb, a popular vacation booking web application and an alternative to hotels*

- Implemented backend logic using Sequelize ORM to enable the intuitive creation of rental postings, wishlists, reviews, and bookings and managed client side user interface using React and Redux.
- Utilized CSS media queries, CSS flexbox and CSS grid to integrate responsive design that adapts seamlessly to mobile and desktop devices in order to ensure an optimized front end for all screen sizes.
- Researched and implemented Google's Maps Javascript API to integrate dynamic, interactive, deeply customized maps for wishlist showcasing.
- Incorporated React Context to implement dynamic modal display throughout the entire site, improving user experience with a modern design.

## Work Experience

**Whole Foods, Store Support Associate**, 10/2021 - present

- Proactively provide informed recommendations to customers' preferences and needs.
- Demonstrated adaptability by addressing unexpected challenges, such as inventory discrepancies and customer complaints, through quick problem-solving and effective communication.

**Elevation, Internal Sales**, 09/2020 - 10/2021

- Build trust with potential customers, resulting in an increase in customer conversion rates.
- Conducted comprehensive competitive analysis to gain insights into competitors' strengths and weaknesses. Leveraged this analysis to articulate clear advantages of our solar solutions over competitors'.
- Fostered a culture of knowledge sharing within the sales team by organizing monthly knowledge-sharing sessions for best practices.

## Education

**App Academy**, Full-Stack Software Engineering, 08/2022-01/2023

**University of Texas at Austin**, B.S in Neuroscience, 08/2019-07/2022