

Clarence Ma

Software Engineer

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TECHNICAL SKILLS

JavaScript, Python, SQL, HTML, CSS, Flask, SQLAlchemy, Express.js, Node.js, React, Redux, AWS S3, PostgreSQL, Sequelize, Git

PROJECTS

AllCourses

Live | [GitHub Repo](#)

AllCourses is inspired by *Alltrails.com* and allows users to share information about golf courses.

- Implemented the backend with Flask and SQLAlchemy database models to allow connections between tables and reduce the number of queries required for users to be able to have a smooth experience when navigating through the app.
- Utilized the Google Maps API to show locations of golf courses on the app and implemented geolocating for seamless functionality of the Google Map component on the React frontend.
- Utilized AWS S3 services for users to have a better user experience when uploading images, and allowing for scalability.

Petsy

Live | [GitHub Repo](#)

Petsy is a clone of the popular e-commerce website *Etsy.com*

- Collaborated with a team to design the backend with Flask and SQLAlchemy, and the frontend with React/Redux
- Designed intuitive usage across the app with the efforts of the team that I worked with on the project.

themeNB

Live | [GitHub Repo](#)

themeNB is a clone of the popular homestay marketplace *Airbnb.com*

- Implemented an Express and Sequelize backend to construct the database
 - Designed in the frontend through React/Redux to allow for an intuitive user experience through the use of wireframing.
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WORK EXPERIENCE

Associate

June 2019 – April 2020

Roundhouse Cafe, San Francisco, CA

Responsible for multiple operations of the store, including customer relations, handling inventory, and ensured product quality for 150+ customers per day.

- Handled the store inventory of products to ensure that the needs of the customers were always met.
 - Resolved the needs of customers and handled issues that may have arose due to their initial needs not being met.
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EDUCATION

App Academy

2022-2023

D.C

Life West Chiropractic College – Completed 6 quarters

B.S | Kinesiology

San Francisco State University – Graduated Fall 2019