

ZHIQI (RENA) LIN

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS Javascript(ES6), Python, ReactJS, Redux, Node.js, Express.js, REST API, Flask, PostgreSQL, Sequelize, SQLAlchemy, HTML, CSS, Github, Heroku

EDUCATION

Full-Stack Web Development - App Academy | August 2022

24 Weeks Full-stack Software Engineering Program

Bachelor of Science - University of Connecticut | 2016 - 2020

Major: Civil Engineering, Minor: Mathematics

PROJECTS

Wehelp (Python, Flask, SQLAlchemy, PostgreSQL, React, Redux, Google Map, AWS)

[live](#) | [github](#)

A crowd-sourced local restaurants reviews site, inspired by Yelp. This site has detailed information for individual restaurant business, where users can post reviews and images of their experience within the individual business.

- Collaborated closely with team members to plan, design and construct an almost pixel perfect frontend clone of Yelp in one week.
- Designed 7 API routes, including business, review, category, images, user and authentication by utilizing Python Flask and SQLAlchemy.
- Implemented React and Redux on frontend to create 6 features, including business CRUD, review CRUD, search/filter, google maps and AWS.
- Created and managed a scope of work schedule to ensure the timely execution of the team in fast paced bootcamp environment.

Discordable (Python, Flask, SQLAlchemy, PostgreSQL, React, Redux, AWS, SocketIO)

[live](#) | [github](#)

A text chat app inspired by Discord, that a user can create his/her own servers and channel to talk and hang out with their communities and friends!

- Worked independently on design and construct both backend and frontend. Utilized Redux-thunk as middleware to handle asynchronous actions between backend and frontend
- Created functional components for logged in user to create, read, edit and delete their own server, channel, message. As well as join and quit a server.
- Implement live chat technology SocketIO to allow users to communicate lively without refreshing the website.

Airvnb (JavaScript, Express, PostgreSQL, Sequelize, React, Redux)

[live](#) | [github](#)

A web application inspired by Airbnb, that provides an online marketplace for vacation rentals.

- Implemented backend and frontend user authentication by combining JavaScript, ExpressJS, PostgreSQL, React and Redux, allowing for secure and efficient user login/signup. Redux-Thunk as middleware to handle asynchronous actions.
- Created functional component for logged in user to create, read, edit and delete their own listing and booking, including live modal for editing and deleting features using useContext method.

EXPERIENCE

Project Engineer

Bond Building Construction

June 2019 - Jan 2022

UCONN Boiler Replacement & Utility Tunnel Project and UCONN Supplemental Utility Project

- Hosted weekly OAC (Owner, Architect, and Contractor) meeting, subcontractor kick off meeting.
- Managed different documentations, included subcontractors' QAQC (Quality Assurance/ Quality Control) field reports, subcontractors' legal compliances. subcontractors' submittals, RFI (Request for Information), monthly CHRO, Certified Payroll and Geographical Reports.
- Reviewed bidding specifications and architectural drawings during the pre-construction of the UConn Supplemental Utility Plant Project.