

CAL BROWN

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SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, AWS, Google Maps API

PROJECTS

HipLampin | *(React / Redux, Rails 5, Ruby, Postgresql,AWS,Google Maps Javascript API,CSS)*

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

- Applied Ruby on Rails to Users, Listings, Reservations,Sessions, Reviews ActiveRecord models and controllers to store data and query the database to pass information back to the frontend
- Connected Rails Backend to AWS to store user uploaded photos and ensured content security with AWS IAM
- Created a multi-step form by managing React's state. Overcame the issue of routing users to specific form pages by storing the page number in the state of a react-router location object
- Employed CSS flexbox with z-index and React-Modal for a compelling layout
- Attached the Google Maps API with the Places library to implement an autocomplete search feature that lets users search for listings based on location and allows hosts to set an address and location for their listing
- Designed the autocomplete search feature to dynamically set coordinates and zoom level for the google map
- Developed CRUD features for listings, reviews,reservations, and users
- Incorporated client-side form validations to avoid unnecessary AJAX requests which improves user experience

Global Cuisine | *React / Redux, MongoDB,Express,Node.js, AWS,CSS)*

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

- Built backend photo upload feature using Node.js, Express, and multer S3 middleware to store images in AWS
- Created front-end user authorization by utilizing JSON Web authorization tokens, storing the tokens in local storage, and passing them to the backend through axios API calls
- Headed front end development on a team of 3 engineers and helped debug front-end issues for team members such as effectively managing the Redux state and accessing React props
- Oversaw github merges to help our three person team team avoid merge conflicts

Carvin Pumpkins | *(Javascript, CSS,HTML Canvas)*

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

- Built animation using HTML5 canvas in conjunction with collision detection logic in Javascript
- Implemented carving functionality with vanilla Javascript,pixel data and Object Oriented Programming

EXPERIENCE

Reimbursement Specialist, *Genentech, San Francisco*

Sep 2019 -July 2021

- Worked 12 hours a day, 60 hours a week during the first couple months of the year to help patients find new insurance
- Checked patient's insurance through a SalesForce lighting application

Patient Services Representative, *UCSF Psychiatry, San Francisco*

Oct 2018 -Sep 2019

- Helped coordinate a department wide transition to a more modern and efficient system of patient care which resulted in 20 more intake appointments per week
- Utilized the EPIC Software system to schedule appointments and access and store medical records
- Trained 3 new hires to assist our growing department in the expanding need for mental health services
- Handled 50-60 calls and ~25 emails per day from patients and doctors to provide excellent care
- Cleared a backlogged queue in EPIC of 200+ potential patients to ensure every patient was seen

Receptionist, *USA Hostels, San Francisco*

May 2017- Aug 2017

- Utilized the ChertsBeds PMS System to book rooms, collect payment, and check in and out ~50 guests per day
- Led walking tours through San Francisco's downtown, Chinatown, and North Beach neighborhoods

EDUCATION

App Academy-Full-Time Software Engineering Program 2021

University of Colorado- *B.S. Psychology. 2018*