CAL BROWN

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SKILLS

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

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
- Employed CSS flexbox with z-index and React-Modal for a clean 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 frontend development on a team of 3 engineers and solved front-end issues that team members faced
- Oversaw github merges to help our 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

- Minimized patient medical costs by collecting accurate insurance benefits for an experimental treatment of MS
- Outpaced expected quota by completing 2 benefits investigations per hour
- Benefits investigations involved contacting insurance companies to obtain coverage details and relaying the information to a provider through a SalesForce Lightning application
- Guaranteed that patient's treatment was covered under their new or updated insurance plan by working 12 hours a day during peak season between January and March

Patient Services Representative, *UCSF Psychiatry, San Francisco*   Oct 2018 - Sep 2019

- Utilized the EPIC Software system to schedule appointments and access and store medical records
- Helped coordinate a department wide transition to a more modern and efficient system of patient care which generated 20 more intake appointments per week
- Cleared a queue in EPIC of 200+ potential patients during the transition to ensure every patient was seen
- 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

Receptionist, *USA Hostels*, San Francisco   May 2017 - Aug 2017

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

EDUCATION

App Academy - *Full-Time Software Engineering Program. 2021*
University of Colorado - *B.S. Psychology. 2018*