CAL BROWN

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SKILLS
React / Redux, Ruby on Rails, JavaScript, Ruby, Mongoose, MongoDB, Node.js, Express, 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, HTML5 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
Bootcamp Prep Instructor, *App Academy, San Francisco*   June 2022 - Current
- Deliver technical lectures on foundational programming topics to adults who are new to programming
- Administer, grade, and review assessments to ensure students grasp concepts and are prepared to succeed in a coding bootcamp
- Answer questions regarding the material, specific problems, and test questions before and after class

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

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