Rudy Rodriguez

Phone 510-258-9147   rodriguezlucha@gmail.com   portfolio   linkedin   github

Skills   React.js, Ruby on Rails, jQuery, SQL, Git, HTML5, CSS3, MongoDB, Python, C++, Perl

Projects

Zelp   live site | github

A clone of Yelp built using Ruby on Rails and React.

- Utilized Ruby on Rails and Postgres SQL to implement cookie-based authentication
- Created backend APIs to store and retrieve information about restaurants and user reviews.
- Designed responsive frontend layout with React, CSS & CSS grid.
- Used Active Storage to facilitate configuration of storage between local and S3 storage backends.

Phacer   live site | github

2D car race game built on MERN stack.

- Built backend with Node.js, Express.js, Mongo DB & Passport.js for storing users and their high scores.
- Utilized Socket.io to add a global chat for users on the home page.
- Utilized Phaser library to implement game physics and rendering.
- Utilized Passport.js and Bcrypt to implement token based authentication.

SF Motorcycle Parking   live site | github

Data visualization of available parking for motorcycles in SF built with D3 and CSS.

- Self taught D3 library in 2 days resulting in SVG zoomable map.
- Authored transition, hover, and zoom effects for quick navigation through each parking spot using D3.
- Utilized geojson for map rendering, taking examples from version 3 and upgrading them to version 5.

Experience

Software Engineer

Shypwright   Jan 2019 - Aug 2019
- Developed initial testing framework with docker.
- Delivered machine learning proof of concept.

Software Engineer

OPSWAT   Nov 2008 - Dec 2017
- Worked on software security domain products for servers and network switches.
- Progressed through multiple levels at company from engineering intern to engineering manager.
- Enjoyed startup and growth culture. Dynamic roles and responsibilities.

Education

App Academy @ San Francisco (January-March 2018)
Immersive software development course with focus on full stack web development

Cal State Easy Bay @ Hayward (2008)
BS - Computer Science Minors in Math & English