Travis Nguyen

Software Developer

📱 (858) 900-8567 | ✉ travishn@uci.edu | 🏠 travishn.com | 🐙 travishn | in travishn

Skills

Ruby, JavaScript, React, Redux, Ruby on Rails, PostgreSQL, MySQL, jQuery, JBuilder, Express, NodeJS, Git, RSpec, CSS3, HTML5

Projects

Wander Camp (JavaScript, React/Redux, Ruby on Rails, PostgreSQL, JBuilder) — *Live | Github*
WEB APPLICATION THAT ALLOWS USERS TO BOOK UNIQUE CAMPING EXPERIENCES AROUND THE WORLD
- Integrated Google Maps API with geolocation based searching to dynamically query specific listings within a set radius
- Preloaded relational model data to prevent N + 1 queries to the PostgreSQL database using Rails Active Record
- Leveraged Redux architecture's unidirectional data flow with JBuilder to create a normalized data state
- Implemented secure and efficient user authentication using the salt and hash features of the Ruby BCrypt gem and bootstrapping user data

Yelp on Slack (MongoDB, React, Express.js, Node.js) — *Live | Github*
SLACK APPLICATION THAT GENERATES A CURATED LIST OF RESTAURANTS IN POLL FORMAT
- Persisted channel access token and webhook url data to MongoDB using mongoose ODM library upon app authorization
- Parsed dialog query filters for yelp fusion API request to select restaurants based on a bayesian average of their ratings
- Utilized the fisher-yates shuffle algorithm on selected restaurants to ensure unique options when using identical query filters
- Formatted yelp JSON response in accordance to the slack API message format to send an interactive, curated list of restaurants to the requested channel

Gravity Rush (Javascript, p5, HTML5 Canvas, CSS3) — *Live | Github*
AN HTML CANVAS GAME, WHERE PLAYERS HAVE THE ABILITY TO REVERSE THE POLARITY OF THE WORLD
- Formulated algorithm to generate terrain using calculations based on player physics, terrain velocity and canvas x position
- Employed p5 Web Audio API extension and custom event listeners to generate game sounds for a captivating user experience
- Utilized OOP paradigm to reduce complexity of code, eliminate redundancy, and allow easy future feature implementations
- Implemented rectangular collision detection algorithm to detect player, terrain, and canvas collisions

Experience

Pho Sushi Bar — *San Diego, CA*
GENERAL MANAGER — *Jun. 2016 - Mar. 2018*
- Trained new waiters and floor staff on guest service expectations, proper food handling, and restaurant protocols
- Increased sales by 10% through collaborating with marketing representatives to implement promotional campaigns
- Maximized profit margins by identifying and eliminating inventory issues such as excess ordering and poor storage management

The Flying Samaritans — *Irvine, CA*
MEMBER — *Sep. 2014 – Jun. 2016*
- Assisted in fundraisers in order to generate funds for monthly clinic trips to the El Testerazo Clinic in Baja California
- Worked alongside a team of 4 physicians and 1 translator to accommodate 30 patients per trip
- Performed diagnostic tests and acquired detailed patient information in conjunction with vital signs and OPQRST

Education

App Academy — *San Francisco, CA*
WEB DEVELOPMENT COURSE — *Apr. 2018 - Jul. 2018*
- Rigorous 1000-hour full-stack web development course with < 3% acceptance rate
- Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and programming best practices

University of California, Irvine — *Irvine, CA*
B.S. IN BIOLOGICAL SCIENCES — *Sep. 2012 - Jun. 2016*
- Received deans honor list each year during undergraduate career and graduated with a 3.65 GPA