JONNATAN SAUL ORTIZ

P: 925-639-3049 | jonnatano94@gmail.com | ortizjs.github.io/

SKILLS

Languages: JavaScript, Ruby, Python
Technologies: Rails, React, Redux, Node.js, jQuery, PostgreSQL, MongoDB, Git, HTML5, CSS3, Express, Passport, RSpec, Jest, Jasmine

EXPERIENCE

Full-Stack Software Engineer
Cureus, Inc   April 2019 - February 2020
- Built a dynamic hover feature for the Cureus website (React) that reveals SIQ reviews and ratings by hovering over any of thousands of articles.
- Created an algorithm using Ruby on Rails that allows every article to accurately pull the SIQ data from the backend.
- Developed, maintained, and improved the company's web application using Agile/Scrum methodology.
- Collaborated in the development of analytics, event tracking & reporting utility components using Amplitude Analytics for administrative team that led to a 10% increase in users.

Claims and Data Analyst
New Frontier Group   July 2016 - October 2018
- Oversaw management of internal database and periodically produced accuracy reports for management team review and advising of data distribution, leading to cleaner and smoother data flow across all departments.
- Determined strategic path for roughly 10,000 medical claims within standard 72 hour turnaround time allowing for seamless end-to-end service delivery.
- Monitored overseas client's portfolio of $30M while identifying and reporting investment and expense trends leading to an increase in medical claims savings of 20%.

PROJECTS

365px | *(JavaScript, React/Redux, Rails 5, AWS S3, PostgreSQL, Webpack, HTML5, CSS3)*   **live | github**
- Incorporated MVC architecture with Activerecord Model associations, reducing the amount SQL code required while increasing the ease of data flow from end-to-end.
- Implemented and used BCrypt library for password hashing, allowing for secure user data authentication to prevent rainbow table attacks.
- Facilitated photo integration and display with Amazon Web Services and Active Storage, allowing for the creation of photo file objects and the management of related data to PostgreSQL.

Rent-A-Vehicle | *(JavaScript, React/Redux, Node.js, Express, Passport, Google API, HTML5, CSS3)*   **live | github**
- Utilized Node.js Passport authentication strategies for encrypted JSON Web Token requests allowing for stateless user identification eliminating the need for additional database queries.
- Integrated Google Maps API with React Geocoder to enable post location visualization allowing users to easily find nearby vehicles available for rent.
- Enabled user image uploading with post creation by incorporating Cloudinary heavy-duty image and video platform API for instant cloud storage and accessibility.

JasteroidS | *(Javascript, Howler.js, HTML5, CSS3, NPM)*   **live |github**
- Developed collision detection algorithm for spaceship object based on canvas location and relative position to asteroid objects.
- Integrated Keystroke event listeners through the use of keycode dependency in order to properly handle and predict player direction and movement while at the same time keeping readable and maintainable code.
- Utilized Howler.js in order to assimilate spaceship sound feature as well as background audio for the duration of the game.

EDUCATION

University of California, Irvine - *BA Business Economics and minor in Management*   September 2012 - June 2017
Curriculum Highlights: Econometrics, Boolean logic, Discrete Data Structures and Mathematics for computer science, Linear Algebra and Python Programming and Libraries.

App Academy - *Full-Stack Software Engineering Program*   October 2018 - January 2019
Rigorous 1000-hour software development course with < 3% acceptance rate focusing on Rails, SQL, JS, React, TDD, algorithms, design patterns, and programming best practices.