JONNATAN ORTIZ

SOFTWARE ENGINEER

CONTACT

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PORTFOLIO

🌐 ortizjs.github.io/

in linkedin.com/in/jonnatan-ortiz

github.com/ortizjs

angel.co/u/jonnatan-ortiz

EDUCATION

University of California, Irvine

BA Business Economics;
Minor in Management

SEP 2012 - JUN 2017

CURRICULUM HIGHLIGHTS:
• Econometrics
• Boolean Logic
• Discrete Data Structures &
  Mathematics for Computer
  Science
• Linear Algebra
• Python Programming &
  Libraries

AppAcademy

Full-Stack Software
Engineering Program

OCT 2018 - JAN 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.

SKILLS

Ruby   Rails   RSpec

Javascript   jQuery   Git

React   Redux   SQL

HTML5   CSS3   Node.js

Python   Express   Amplitude

AWS   Passport   SemaphoreCI

WORK EXPERIENCE

Full-Stack Software Engineer

Cureus, Inc.   April 2019 - Feb 2020

• Built a new, dynamic hover feature for the Cureus website (React) that
reveals SIQ reviews and ratings by hovering over any of the 2.2M+ 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 application using
Agile/Scrum methodology.
• Collaborated in the development of analytics, event tracking & reporting
utility components using Amplitude Analytics for administrative team.

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 departments.
• Determined strategic path for 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

365 PX   live | github

JavaScript, React/Redux, Rails 5, AWS S3, PostgreSQL, Webpack, HTML5, CSS3

• 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   live | github

JavaScript, React/Redux, Node.js, Express, Passport, Google API, HTML5, CSS3

• 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.