

Ryan Meyer

SOFTWARE ENGINEER

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Education

Santa Clara University

Santa Clara, CA

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Sept. 2013 - Dec. 2017

- Software Engineering, Compiler Design, Computer Architecture, Information Storage Systems, Computer Networks, Operating Systems, Digital IC Circuit Design, Algorithms, Advanced Programming, Embedded Systems, Logic Design, Advanced Data Structures

App Academy

San Francisco, CA

WEB DEVELOPMENT COURSE

Spring 2018

- Rigorous 1000-hour full-stack web development course with < 3% acceptance rate
- Topics include: Rails, SQL, JS, React, TDD, OOP, REST, security, and programming best practices

Skills

Ruby, Rails, JavaScript, jQuery, React.js, Redux, SQL, Git, HTML5, CSS3, RSpec, Unix/Linux, C, C++, ARM Assembly Language, Intel x86, Object Oriented Design

Projects

SonicStratus (Ruby, Rails, JavaScript, React/Redux, PostgreSQL)

Live | [Github](#)

WEB APPLICATION INSPIRED BY SOUNDCLOUD THAT ALLOWS USERS TO SHARE AND INTERACT WITH MUSIC.

- Utilized AWS S3 Storage to optimize image and audio uploads, reducing server load and allowing for scalability of services
- Created top level hierarchical music player Component using React Player and custom event listeners to dynamically sync audio waveforms
- Optimized data transfer and increased loading speed through dynamic storage of Wavesurfer.js visualization data in PostgreSQL database
- Leveraged JBuilder and Redux unidirectional data flow to create predictable, normalized state and reliable DOM rendering

mICO (MongoDB, Express, Node, React Native, Redux)

Live | [Github](#)

IOS APPLICATION THAT ALLOWS USERS TO TRACK INITIAL COIN OFFERINGS AND LOCAL CRYPTOCURRENCY EVENTS

- Launched OAuth2.0 using passport, allowing users to authenticate using Google, Facebook, and LinkedIn
- Implemented infinite scroll to automate axios requests to external API for real-time ICO data and seamless, responsive UI design
- Integrated Google Maps API with geolocation to display nearby cryptocurrency events

Serpent VS Square (JavaScript, HTML5, CSS3)

Live | [Github](#)

AN HTML CANVAS AUTO-RUNNER GAME

- Engineered custom collision detection algorithms and physics for player movement and seamless gameplay
- Designed snake movement algorithm for smooth and utilized custom event listeners for responsive UI animation

Experience

MATRIX Resources

San Francisco, CA

SOURCING DATA ANALYST INTERN

June 2016 - Dec. 2016

- Sourced and performed data analysis for company IT Resources
- Analyzed and queried internal database which streamlined candidate pipeline leading to 10% increase in placements
- Leveraged LinkedIn to update over 1000 existing database records in CRM Software Application

Wells Fargo Bank, NA

San Francisco, CA

INTERN, CORPORATE PROPERTIES GROUP

June 2015 - Aug. 2015

- Prepared audit workpaper files for occupancy taxes and audited tax consulting invoices
- Improved workflow through assembly and organization of real estate construction project files

