

RACHEL MUÑOZ

SOFTWARE DEVELOPER

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SUMMARY

Photographer turned software developer passionately investigating the intersection of art & tech as a way to improve the world. A creative mind that loves to collaborate, innovate, and continuously learn.

SKILLS

STRONG: JavaScript, Android SDK, Java, Node.js, React, Redux, Ruby on Rails, HTML/CSS, ES6, SASS, Git

IMPROVING ON: PostgreSQL, MongoDB, TDD, Webpack, MySQL

RELEVANT SKILLS: Adobe Photoshop

PROJECTS

A Thousand Words

Jul 2017 - Current

- Beta Release : https://play.google.com/apps/testing/com.moon_rocks_dev.aThousandWords
- Developed an Android app that allows users to leverage photos taken as a way to set reminders
- Ensured reusability and modularity by using Fragments and master-detail flow for tablet views
- Implemented a Callback interface to render dynamic views utilizing alias resources
- Persisted data by implementing a SQLite database

Anonymous Chat

Mar 2017

- Architected RESTful API using Node.js, Express, and MongoDB
- Utilized React to render UI and Redux to modularize application state
- Leveraged SASS to implement mobile first design and modularize CSS
- Bundled using Webpack and transpiled from ES6

Memory Chat

Jan 2017

- Refactored spaghetti code in global scope into an Object Literal Module
- Interfaced with the Instagram API to query images & assure user authentication
- Ensured cross-browser compatibility by vendor prefixing in Gulp
- Dynamically populated data through Nunjucks templating engine

Easy Calendar

Oct 2016

- Queried the Google Calendar API & translated Google Events into appointments native to application
- Performed Omniauth authentication and implemented OAuth2 callback to handle URI redirection
- Implemented Redis server to store authenticated user's access tokens
- Optimized N + 1 database query

HACKATHONS

EveryDev 1618 Hackathons

Current

Engage in weekly challenges that cover computer science fundamentals. Solve problem sets through pair programming and present solutions for feedback.

WalmartLabs Hackathon

Aug 2017

Architected a full stack JavaScript app utilizing React, Redux, MongoDB. Queried the Walmart Open Api to create bundles of items for users to buy.

Women's Hackathon

Apr 2017

Collaborated in a group of 3 utilizing mob programming to build a Ruby on Rails web app to rate amounts of litter. Integrated Google Street View to provide an accurate view of specific geographic locations. Leveraged Bootstrap 4 for responsive design and cross-browser compatibility.

EXPERIENCE

Thinkful, *Instructor / Event TA*

Aug 2017 - Current

Instruct and assist workshops teaching the fundamentals of programming. Topics range from JavaScript, jQuery, to HTML & CSS, and best practices.

Dev Bootcamp, *Full Stack Web Developer*

May 2016 - Oct 2016

19 week immersive training program for full stack web development. Collaborated in small teams using Agile workflow to deploy RESTful web applications. Utilized Ruby, Rails, HTML5, CSS, Object Oriented JavaScript (including AJAX & jQuery), Git, Github, and TDD.

UCLA Sculpture Lab, *Lab Technician*

Sep 2014 - Dec 2015

Independently supervised the sculpture lab on campus. Assisted and advised an undergraduate population of 50 students with technical support. Fabricated and installed works of art within the gallery space.

EDUCATION

University of California, Los Angeles

Bachelors of Art ART 2015

- Summa Cum Laude
- Courses in theory of art & psychology, art history & technology, design

VOLUNTEERING

Oceanside Museum of Art

Apr 2017 - Current