OMAR DE LOS SANTOS

SOFTWARE DEVELOPER

CONTACT

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EDUCATION

App Academy
2017–2018

Yale University
B.A. Political Science
2011 – 2015

EXPERTISE

CSS3

Express

Git

Heroku

HTML5

JavaScript

jQuery

MongoDB

Node.js

React

Redux

RSpec

Ruby on Rails

SQL

PROJECTS

bandstand — [live](#) | [github](#)

Single–page application, inspired by bandcamp.com, that empowers users to discover new artists and stream music directly on the site.

- Implemented responsive search for artists, albums, and tracks, enabled through AJAX requests to the back–end's RESTful API.
- Created a complete back–end and front–end authentication scheme, enabling a persisted user's session through the use of cookies and Redux state.
- Integrated React Howler to stream music directly on an artist's album page.

Spotifynder — [live](#) | [github](#)

Interactive visualization of related artists utilizing Spotify's API and the JavaScript D3 library.

- Integrated Spotify's API to enable a responsive search and display of an artist.
- Utilized the D3 JavaScript library to create an interactive bubble chart visually enumerating an artist's related genres.

Troubador — [live](#) | [github](#)

Practical iOS application that facilitates both impromptu and structured song–writing.

- Implemented a RESTful API utilizing Node.JS, Express to permit the front–end of the application to make fetch requests from React Native.
- Constructed a database using MongoDB and Mongoose to permit end–users to store song notes and audio recordings.
- Enabled the user to navigate with intuitive and responsive features, such as swiping between screens.

WORK EXPERIENCE

Community Fellow

Immigrant Justice Corps | New York, NY | 2015 – 2017

- Provided legal consultations to over 300 low–income immigrants over two years in New York City.
- Filed over 175 applications for immigration relief—including Naturalization, Permanent Residency, Temporary Protected Status, and Deferred Action for Childhood Arrivals—with a success rate of over 95%.

Student Technician

Yale University ITS | New Haven, CT | 2013–2015

- Provided troubleshooting and repaired student's computers and devices as a Macintosh–, Dell–, and Lenovo–certified technician.
- Communicated with clients and fellow technicians via daily email updates ensure accurate and speedy repairs.