

David Ro | New York, NY
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PROJECTS

Fraudify - Spotify-inspired web app

Live: <https://fraudify-app.herokuapp.com>

- ❖ Implemented secure user authentication using Ruby on Rails, React, and Redux
- ❖ Removed N+1 queries, speeding up my application by preloading data into queries
- ❖ Stored media on Amazon Web Services(AWS) for rapid uploading times and scalability
- ❖ Incorporated continuous play of music, allowing users to explore the website without interrupting user experience
- ❖ Built front and back-end CRUD actions, including SQL database, and React/Redux store, allowing users to dynamically interact with playlists

Chicago Crime JavaScript Project

Live: <https://shwogud.github.io/CrimeData>

- ❖ Overlaid Google Maps API with Chicago crime data to visualize crime data using a heatmap
- ❖ Effectively handled large datasets using AJAX requests and fetching only requested data
- ❖ Allow user to toggle between different time periods and type of crime

TECHNICAL SKILLS

React	Redux	JavaScript	Ruby	JQuery	SQL	Java
HTML5	CSS3	Ruby on Rails	Git	AWS	Rspec	Jest

EDUCATION

Dartmouth College

Sept 2013 - Mar 2017

Bachelor of Arts in Analytical Chemistry

Curriculum Highlights:

- ❖ *Data Structures and Algorithms*
- ❖ *Introduction to Web Development*

App Academy - New York, NY

Nov 2018 - Feb 2019

- ❖ 1000-hour immersive full-stack web development intensive bootcamp
- ❖ Acceptance rate < 3%

EXPERIENCE

Fresh Air Sensor Corp.

Research Analyst - Materials Science

Mar 2015– Jan 2016

- ❖ Analyzed large datasets to optimize a new sensor-production technique, comparing sensor material, temperature, and humidity; led to a 25% increase in sensor response
- ❖ Collaborated with software team on project to improve sensor-testing speed; the resulting process saved 2 hours daily