

# David Ro | Software Engineer | New York, NY

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## TECHNICAL SKILLS

React.js	Ruby on Rails	SQL	Java	TypeScript
Redux.js	AWS	JavaScript	Angular 5	Microservice Architecture

## PROFESSIONAL EXPERIENCE

### **Maestrano Inc.**

**March 2019 – June 2019**

*Software Engineer*

New York, NY

- Developed custom banking platform for **Chase Bank** that integrates 3<sup>rd</sup> party accounting applications supporting small/medium business customers; Platform was offered to **250,000+** Chase customers
- Implemented design and functionality improvements for the highly visible Key Performance Indicator bar with a mind towards extensibility
- Assisted in product launches with clients and wrote DRY, clean code with tests for scalability and minimal API calls

### **TestAmerica Laboratories, Inc**

**June 2017 – Aug 2018**

*Volatile Organics Analytical Chemist*

Burlington, VT

- Initiated repair on broken technical instrumentation within one month, increasing productivity more than **20%**
- Examined detailed 250+ page client reports, checking that results matched reference data

## AWARDS

### **Microsoft/Facebook's Hackfest Hackathon 2019 - 1st Place**

**April 2019**

- Developed a mobile health-based application, Pulse, using **React** and **D3.js** (Recharts), which tracks patient prescription data and provides diagnostics about their health using dynamic charts
- Led team to a unanimous 1st place with 9 judges, 30 teams, and **250+** people

## PROJECTS

### **Chicago Crime Visualization**

**March 2019**

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

- Overlaid Google Maps API with Chicago crime data to visualize crime data using a heat-map
- Effectively used AJAX requests to fetch only requested data when necessary from large datasets

### **Fraudify - Spotify-inspired web app**

**Feb 2019**

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

- Implemented secure user authentication using Ruby on Rails, React, and Redux
- Removed N+1 queries to speed up application by preloading data into the database
- Incorporated continuous play of music and CRUD actions, allowing for a seamless user experience

## EDUCATION

### **App Academy**

**Nov 2018 – Feb 2019**

*Full Stack Web-Development*

New York, NY

*1000+ hour course with < 3% acceptance rate emphasizing full stack development, pair programming, and TDD*

### **Dartmouth College**

**Sept 2013 – March 2017**

*Bachelor of Arts in Analytical Chemistry*

Hanover, NH