

David Ro | Software Engineer | New York, NY

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TECHNICAL SKILLS

| | | | | |
|----------|---------------|------------|-----------|---------------------------|
| React.js | Ruby on Rails | JQuery | Java | TypeScript |
| Redux.js | AWS | JavaScript | Angular 5 | Microservice Architecture |

PROFESSIONAL EXPERIENCE

Maestrano Inc.

March 2019 – Present

Software Engineer

New York, NY

- Full-stack developer developing custom banking platform for **Chase Bank** that integrates 3rd 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