

Rafael Patel

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Experience

Persado

New York, NY
2016 - present

Software Engineer

- Integrated a new front end architecture (React/Redux) into a legacy code base (4+ years old Backbone/Rails app)
- Started a greenfield, client facing application, to interface with the company's enterprise software
- Analyzed and fixed slow SQL queries to cut average execution times in half
- Onboarded new engineers to the project, focusing on code readability and good design patterns
- Built and led Git training sessions for all new hires
- Interviewed candidates in javascript and ruby during hiring runs

ScriptEd

New York, NY
2016 - present

Volunteer

250+ hrs preparing and conducting lessons, and engaging in one-on-one instruction, in an after-school class on web development, culminating in mentoring a group of students through their first hackathon.

Skills

Ruby, Rails, Minitest, RSpec, JavaScript, ES6+, React, Redux, Flux, Backbone, CSS, Sass, HTML, SQL, MySQL, Postgres, GraphQL. *Learning:* Node, AWS + Linux

Education

App Academy

2015 - 2016

Web Development

Full-stack web development course with an acceptance rate of less than 3%. Emphasis on TDD, pair programming, and design patterns

University of Connecticut

2015 - 2016

B.S. Materials Science and Engineering

Used MATLAB with thermodynamic concepts to programatically create binary phase diagrams, used in metal sciences