

Ryan Couto

[GITHUB](#) • [LINKEDIN](#)

SKILLS

Go, Git, Travis CI, Ruby (Rails, ERB, HAML), JavaScript (React, Backbone.js, D3, Appcelerator Titanium, jQuery, AJAX), HTML, CSS (Sass), Testing (RSpec, Capybara, Selenium), Heroku, Engine Yard, SQL (PostgreSQL, PostGIS, CartoDB, MySQL, SQLite), AWS S3, R, Stata, MATLAB

EXPERIENCE

Software Engineer - *Twitter* (2016 -) - New York, NY

Go, Engineering Effectiveness, Scoot

Full Stack Developer - *Sweeten* (2015 - 2016) - New York, NY

Ruby on Rails, React.js, Sass, MySQL

- Increased matching efficiency by writing recommendation engine utilizing both content-based and collaborative filtering
- Saved hours of manual QA testing by implementing RSpec/Capybara/Selenium test suite
- Scraped contractors' past project information from NYC DOB database using Nokogiri, leading to more robust matching data

Software QA Analyst - *Lawrence Berkeley Laboratory* (2012 - 2013) - Berkeley, CA

- Worked with developers to test web-based applications and stored procedures
- Maintained a database of radioactive containers owned by the Dept. of Energy

EDUCATION

UC Berkeley - *Bachelor's in Applied Mathematics: Statistics* (2015) - Berkeley, CA

PROJECTS

Scoot (*Go*)

Infrastructure to make dev tools smaller, simpler, and more distributed

Sweeten (*Ruby on Rails, React.js, D3.js, Sass*)

Web app for matching homeowners to general contractors for renovations

SweetenApp (*Appcelerator Titanium, JavaScript*)

Mobile application for Sweeten experts

ShopUp (*Ruby on Rails, Backbone.js*) [github](#)

Airbnb inspired app for commercial pop-up store rentals

Snakes on a Euclidean Plane (*JavaScript, HTML5*) [github](#)

Web browser snake

Chess (*Ruby*) [github](#)

Command line chess