

Wilfred Ruck

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LinkedIn

Github

SKILLS React, Redux, JavaScript, Ruby on Rails, Ruby, RSpec, Python, HTML5, CSS3, PostgreSQL, SQL, Heroku

EXPERIENCE

Software Engineer Technical Instructor

New York, NY

App Academy

March 2019 - Current

- Mentored students in developing JavaScript projects and full stack Rails projects and conducted code reviews
- Guided and assisted students with debugging code in JavaScript, Canvas, HTML, CSS, Rails and React/Redux
- Explained algorithms for abstract data types and their implementation and applications

Lead Web Development Instructor

New York, NY

Generation Code

Feb 2017 - Feb 2018

- Taught fundamentals of HTML, CSS, and JavaScript to about 200 students in K-12 schools.
- Assisted in development of web development curriculum by providing insight based on in-class feedback.

Software Engineer

New York, NY

BLKBOX

Dec 2016 - May 2017

- Worked with Ruby on Rails to create a Google Maps API based application and Shopify to update an e-commerce website using Liquid.
- Created, managed, and updated PostgreSQL databases of over 10,000 items.
- Collaborated with a graphic designer to transform designs into pixel perfect web applications.

PROJECTS

6lack (React/Redux, Rails, Heroku)

[Live](#) | [Github](#)

A single-page messaging web app inspired by Slack built with Rails, React/Redux, and RESTful architecture.

- Employed Action Cable to establish a live connection amongst users in each channel.
- Utilized React to minimize AJAX requests and ActiveRecord & JBuilder to prefetch data and send JSON structures to limit any redundant queries to the database.

Duckannon (JavaScript, HTML5, CSS3)

[Live](#) | [Github](#)

An addictive browser-based side-scroller game.

- Implemented rendering and collision detection of game objects using HTML5 canvas.
- Built custom physics engine to implement friction, gravity, and velocity.

Snap It Up (Rails, JavaScript, Google Maps API, AWS)

[Github](#)

A 7-day promotional website for Samsung in collaboration with Verizon & Snapchat.

- Applied Ruby gem 'geocoder' in conjunction with a custom algorithm to display closest Verizon store locations on Google Maps.
- Parsed spreadsheet of over 10,000 data elements automatically into Rails database using Ruby's CSV library, saving time from manual insertion.

StellaValle (Shopify, Liquid, JavaScript, jQuery, HTML5, CSS3)

[Live](#)

An ecommerce website for unique jewelry items.

- Designed a custom sorting feature for displaying item listings.

EDUCATION

App Academy - Web Development

2019

- 1000-hour immersive full-stack web development intensive with <3% acceptance rate
- Topics included: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices.

Queens College - Computer Science

2013-2016

- Coursework included: C++ Object-Oriented Programming, Java Object-Oriented Programming, Calculus/Differentiation, Algorithm Problem Solving