

EDUCATION

App Academy · San Francisco, CA

October 2015-January 2016

- Immersive full stack web development course
- 80 hours/week of programming experience

MS Civil and Environmental Engineering · UC Berkeley

2014 - 2015 · 3.7 GPA

- Civil Infrastructures and the Environment
- Sustainable Transportation
- Energy Systems and Control
- Designs for Sustainable Communities

BA · Physics · Amherst College

2004 – 2008 3.5 GPA

SKILLS

Ruby	Ruby on Rails	JavaScript
Node	jQuery	React.js
git	MATLab	SQL
CSS		HTML

EXPERIENCE

Science Teacher · IS 220 John J. Pershing

Brooklyn, NY 2008 - 2014

- Implemented educational technologies to engage students in achieving NY State Science learning standards at an under-served urban school
- Supported fellow teachers to use technologies in the classroom

RECENT PROJECTS

Full Stack Engineer

scitwits.com · [github](#)

RESTful JSON Rails API web app for people to explore and share their science endeavor.

- Dynamically updates twits and project submissions in real time with Flux pattern and React.
- Built API resources with JBuilder to return JSON objects from DB queries

Front End Engineer

pong.js · [github](#)

Classic pong browser game.

- AI reacts based on relative position between the paddle and the ball
- Approximated collision detection between circle and rectangle in canvas

Back End Engineer

[ActiveRecordLite](#) · [github](#)

Basic Rails Active Record associations methods

- Make models searchable through #where method
- Built has_many, belongs_to, and has_one_through associations with #define_method and #send

ONLINE CONTACT



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