
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
jQuery	React.js	HTML5/CSS3
git	SQL	D3.js

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

Front End Engineer

[D3 Playground](#) · [github](#) (April 2016 - present)

Mini-projects using the D3.js data visualization library.

- Index-bound CSS sprites image tiles enables quick scrambling, restoration, and animated sorting of sliced image.
- Interactive state admissions timeline bound to US map generated with GeoJSON

Full Stack Engineer

[scitwits.com](#) · [github](#) (December 2015 - January 2016)

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

- Simulated real-time tweets by long-polling with AJAX.
- React/Flux single-page app with JSON API

Back End Engineer

[ActiveRecordLite](#) · [github](#) (December 2015)

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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github.com/peida2015



peidakuo.com