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## EDUCATION

### *App Academy · San Francisco, CA*

October 2013-January 2014

- Immersive full stack web development course

### *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

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## SKILLS

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

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## 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

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## RECENT PROJECTS

### *Full Stack Engineer*

[scitwits.com](https://scitwits.com) · [github](#)

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

- Custom authentication using Bcrypt to store secret hash instead of plain text password.
- Implemented real-time update of tweets and projects submissions with Flux pattern and React.

### *Front End Engineer*

[pong.js](https://pong.js) · [github](#)

Classic pong browser game.

- Object-oriented approach in Javascript
- Collision detection
- Implemented game loop pattern

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## ONLINE CONTACT



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[github.com/peida2015](https://github.com/peida2015)



[peidakuo.com](https://peidakuo.com)