

Andrew Park

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EDUCATION **Brandeis University - B.A. Computer Science and Economics** **2011 - 2015**

Course Highlights: Programming in Java, Advanced Programming Techniques In Java, Data Structures and Fundamentals of Computing, Discrete Structures, Operating Systems, Principles of Computer System Design

App Academy **2015 - 2016**

Intensive web development training program with < 3% acceptance rate

- Emphasizes pair programming, TDD, REST, OOP, and best practices

PROJECTS **Pad (Rails, React/Flux)** | [live](#) | [github](#)

A RESTful note-taking web application inspired by Evernote

- Secures authentication by hashing and salting passwords with BCrypt ruby gem
- Integrates Quill.js library to render powerful text editor
- Binds AJAX requests to keyboard listeners for real time note editing
- Animates transitions using jQuery library for responsive user interaction

Ninja Pop (Javascript, HTML5) | [live](#) | [github](#)

Browser-based game inspired by BubbleTrouble

- Incorporates HTML5 canvas for dynamic and fluid animation
- Tracks key controls with jQuery event listeners for responsive gameplay

Datafy (Ruby, SQL) | [github](#)

A light ORM inspired by Active Record

- Creates Object Relational Mapping using core metaprogramming concepts in Ruby
- Modules and multiple levels of inheritance keep code DRY

SKILLS

Ruby	JavaScript	JQuery	React.js	Flux
Ruby on Rails	HTML/CSS	SQL	Java	Git

EXPERIENCE **Research Assistant - Brandeis Comp. Sci./Linguistics Dept.** **Spring 2015**

- Designed 10+ collision-detecting mesh models using Blender framework
- Cooperated in 15+ member team and used Git to share and organize info.

Academy Teacher - Quest-a-box **Spring 2015**

- Taught 10+ children fundamentals of math and science
- Formulated curriculum for students to effectively adopt critical thinking skills