

# 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 emphasizing pair programming, TDD, REST, OOP, and web development best practices

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## 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 custom Quill.js text editor to render a clean designed note form
- 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*

- Animates ninja, weapons, and bubble sprites with HTML5 canvas
- Tracks key controls with jQuery event listeners for responsive gameplay

## **Active Record Lite (Ruby, SQL)** | [github](#)

*Basic features of Rails' Active Record*

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

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## SKILLS

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

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

- Incorporated Blender framework to produce collision detecting mesh models
- Cooperated in 15+ member team and used docs to communicate with one another

## **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