

# 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 for text-formatting
- 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 using 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