

# Kevin Coppa

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## Projects

### **Steambnb** (Ruby on Rails, React/Redux, PostgreSQL)

[Live](#) | [Github](#)

*A single page web application inspired by AirBnB for searching and booking spas*

- Employs Google Maps API for geolocation-based searching and display of spas
- Implements dynamic search that updates the shown spas upon user input
- Utilizes ActiveRecord associations to optimize the amount of database queries

### **Javascript Project** (JavaScript, HTML5)

[Live](#) | [Github](#)

*Game in browser*

- Description Line
- Description Line

### **Code Intensive** (Ruby)

[Live](#) | [Github](#)

*Ruby ORM*

- Description Line
- Description Line

## Skills

Ruby Python Ruby on Rails RSpec JavaScript jQuery React

SQL Redux Git HTML5 CSS3 TDD AWS R

## Education

### **App Academy:** New York, NY

**2017**

*Graduate*

- 1000-hour full-stack web development course with a <3% acceptance rate

### **New York University:** New York, NY

**2017**

*Bachelor of Science in Biology*

- GPA: 3.4
- NYU Men's Fencing Team
- NYU Study Abroad - London, UK
- Relative Coursework:
  - Bioinformatics in Medicine and Biology
  - Web Design and Computer Principles
  - Intro to Computer Science Honors

Spring 2015

## Experience

### **NYU Department of Biology, Ghedin Lab:** New York, NY

**2015-2017**

*Research Intern*

- Wrote Python scripts to reduce runtime of RNA-seq analysis by almost 75%
- Conducted both computational and wet-lab research on the host-response to Influenza virus
- Collaborated with co-workers to design and test new protocols for more efficient RNA and DNA extractions

### **Pratt Institute:** New York, NY

**2012**

*Portfolio Development and Design Course*

- Studied the principles of composition, color theory, and art design