

# Ben Baron

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## PROJECTS

**Flowergram** (Rails, React, Redux, JavaScript, jQuery, jBuilder, CSS3, PostgreSQL) [Live](#) | [GitHub](#)

Single page RESTful web app inspired by Instagram.

- Leveraged BCrypt to securely hash user passwords, ensuring protected authentication.
- Used AWS S3 cloud storage and a PostgreSQL database for image storage.
- Employed CSS flexbox and z-index and React-Modal for a compelling and flexible layout.

**Helicopter** (JavaScript, HTML5, HTML5 Canvas, CSS3) [Live](#) | [GitHub](#)

Interactive JavaScript browser game.

- Built using OOP following the DRY principle for modular, maintainable code.
- Leveraged HTML5 Canvas to render images, measure distances, and locate objects.
- Used DOMJuan (see below) to send AJAX requests across domains for high scores.

**DOMJuan** (JavaScript) [GitHub](#)

A library inspired by jQuery built using JavaScript.

- Created library providing event handling, AJAX requests, and DOM manipulation.
- Lightweight library to reduce latency on initial load.

## SKILLS

JavaScript	Ruby	Ruby on Rails	React	Redux	CSS3	HTML5
jBuilder	jQuery	RSpec	SQL	Heroku	AWS	Git

## WORK EXPERIENCE

**App Academy**, *Hacker in Residence*, NY Oct. 2017 - Present

- Taught fundamental programming concepts in Ruby including data structures and algorithms to prospective students through lectures and one-on-one instruction.
- Conducted technical interviews of applicants in JavaScript and Ruby.

**Cartus**, *Immigration Coordinator - On-Site at Goldman Sachs*, NJ Nov. 2016 - May 2017

- Used Excel to create pivot tables and run VLOOKUPS ensuring data integrity for H-1Bs.
- Advised senior management on immigration options and risks for members of their team.

**Fragomen, Del Rey, Bernsen & Loewy, LLP**, *Assistant Paralegal II*, NY Dec. 2014 - Nov. 2016

- Managed up to 100 cases simultaneously, working directly with clients to determine strategy, and prepare and file green card and H-1B visa applications.

**State of Mexico Symphony (OSEM)**, *Assistant Principal Bassoon*, Mexico Mar. 2013 - Dec. 2014

- Performed twice weekly and toured in over a dozen cities in Mexico and the USA.

## EDUCATION

**App Academy**, NY July 2017 - Sept. 2017

- Rigorous 1000 hour course with a < 3% acceptance rate.
- Focused on building full-stack web apps with Ruby on Rails, React and JavaScript.

**The Juilliard School**, NY Sept. 2009 - May 2012

- Bachelor of Music in Bassoon Performance - 3.77 GPA.
- Collaborated with internationally renowned musicians and performed on the Grammy winning CD, "Centennial: Newly Discovered Works of Gil Evans."