

# Mark Passando

Software Engineer

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[Github](#)

## PROJECTS

**Clonebnb** - An Airbnb-inspired SPA built with Rails and React/Redux

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

- Hashed and salted passwords using BCrypt to create custom user authentication.
- Implemented dynamic filtering on user search criteria and Google Map bounds on user keystrokes leveraging Active Record to avoid N+1 Queries.
- Remotely store image uploads to AWS S3 cloud, providing scalable data storage.
- Create reusable SASS and DRY React components, improving code maintainability.

**Runaway** - A game inspired by Super Mario

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

- Built game with OOD principles using HTML5 canvas and vanilla JS.
- Manipulated game objects with gravity based physics and coordinate collision.

**ezDOM** - A JavaScript DOM interaction library

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

- Created library abstracting the native DOM API into JSON which enables easy reusable DOM selection and manipulation.
- Utilize XMLHttpRequest object to schedule callbacks upon successful HTTP status codes.

## EXPERIENCE

**Independence Care System, New York, NY**

May 2015 - August 2016

*Web Developer Consultant*

- Launched an on-premise Sharepoint 2013 intranet, utilizing Sharepoint's REST API.
- Used Google Analytics results determine popular and unpopular features to focus development efforts based on audience behavior, tailoring UI and UX.

**eMagid, New York, NY**

October 2014 - January 2015

*Web Developer Intern*

- Collaborated on a proprietary PHP MVC framework and multiple Wordpress websites.
- Translated Photoshop mockups into pixel perfect, responsive, semantic HTML and CSS.
- Customize Wordpress child themes using HTML5, CSS3, JavaScript, jQuery and PHP.

## SKILLS

JavaScript, React, Redux, jQuery, Ruby, Rails, SQL, Sharepoint 2013, PHP, Wordpress, HTML5, CSS3, SASS, Git, Photoshop, Google Analytics

## EDUCATION

**App Academy, New York**

July 2017

Rigorous 1000-hour full stack software development course with < 3% acceptance rate.

**John Jay College of Criminal Justice, New York**

May 2013

Bachelor of Science: Security Management