Mark Passando

Software Engineer

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Github

PROJECTS

Clonebnb - An Airbnb-inspired SPA built with Rails and React/Redux   Live | Github

- Implemented dynamic filtering on user search criteria and Google Map bounds on user keystrokes leveraging Active Record to avoid N+1 Queries.
- Hashed and salted passwords using BCrypt to create custom user authentication.
- Remotely stored image uploads to AWS S3 cloud, providing scalable data storage.
- Created 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.
- Utilized XMLHttpRequest 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.
- Leveraged 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, RSpec, Jasmine, 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