William Marino

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TECHNICAL SKILLS

React, Redux, Rails, JavaScript, Ruby, CSS3, SQL, Git, PostgreSQL, TDD, Webpack, AWS S3, MongoDB, Heroku, jQuery, HTML5, Rspec

PROJECTS

Astro (JavaScript, HTML5, CSS3, Webpack, Canvas)   Live Site
| Github
Side Scrolling Action Game
- Manipulated game elements in order to establish a points-based progression of difficulty
- Created collision-detection algorithms by centralizing and re-dispersing game data, allowing both separation of element logic and comparison of key element information
- Crafted several types of enemies, each with unique movement and attack methods, in order to avoid incentivizing one-dimensional gameplay strategies

Flea (Ruby on Rails, JavaScript, React, Redux, CSS3, Webpack, PostgreSQL)   Live Site | Github
Fullstack clone of online marketplace Etsy
- Implemented backend and frontend user authentication using BCrypt hashing, and protected routes, securely storing user information and letting login persist across sessions
- Streamlined file storage with AWS S3, enabling remote access and storage of images reducing page load times and project file size
- Utilized a method which randomized category selection in order create a product index which shows the user suggested products, as well as a changing selection of other products

OOTD (Outfit of the Day) (JavaScript, React, Redux, CSS3, Webpack, Git)   Live Site | Github
Worked as frontend lead developing a fullstack wardrobe organizer application
- Used Git workflow to collaborate with teammates and concurrently work on separate project features
- Implemented storage for user-uploaded photos with AWS S3, allowing the program to remotely store images upon submission by user
- Persisted information from backend requests by storing it in Redux state, removing the need for users to repeat actions unnecessarily

EXPERIENCE

Rutgers University   **Newark, New Jersey**
Project Assistant - June 2018 – August 2018
- Assisted in formulation and implementation of the Moral Clarity Test, an ethical assessment, using third party software
- Gathered proper data for use in experiment according to desired effect on subjects
- Drafted summary of testing procedure to be used during test administration, outlining its purpose and instructions

Squirrel and the Bee   **Short Hills, New Jersey**
Dishwasher - May 2016 – December 2017
- Worked as part of a 6-10 person team to keep kitchen clean and running
- Organized kitchen and basement inventory in order to make retrieval of ingredients painless
- Helped business owner and kitchen manager buy food ingredients weekly

EDUCATION

App Academy   **New York, New York**
Intensive 16-week Software Engineering bootcamp with a 3% acceptance rate   September 2019 – January 2020

University of Massachusetts   **New York, New York**