PATRICK SPENCER

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Portfolio | Github

Experience

Generation Code: 2018

· Educate K-8 students in programming fundamentals, Scratch, and robotics. Instructor position.

Appfigures: 2018

· Generate "how to" guides, data based reports, and product update/announcements for mobile app analytics.

Standard Broadcast: 2017

· Optimized and updated ad copy on Thanks Webservice to enhance communication between Youtube/Podcast hosts, and the companies that sponsored the shows.

Skills

Ruby | Ruby on Rails | JavaScript (ES6) | React | Redux

Rspec | SQL | HTML5 | CSS3 | AWS

Projects

SRO-ttentomatoes   live | github

Single-page web app for aggregating critic and audience reviews for Broadway Shows.

· Fashioned DRY reusable react components, enhancing code accessibility and consistency.

· Stores show media on Amazon Web Services S3, increasing scalability and expansion of the PostgreSQL database.

· Ensures user authentication with BCrypt, providing both user and database security.

BungeeBob   live | github

Browser game inspired by Doodlejump with a SpongeBob theme.

· Animates sprites, images and other graphics on HTML5 Canvas for seamless rendering.

· Increases difficulty by dynamically accelerating each platforms downward velocity after every platform collision.

· Maximizes principles of DRY OO design with ES6 class structure.

Education

University of Arizona: 2012

· Bachelor of Fine Arts in Acting and Musical Theater

App Academy: 2017

· Intensive 1000-hour software development curriculum with < 3% acceptance rate.