Jeff Brubaker

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Github · LinkedIn · Personal Site

SKILLS

JavaScript · Ruby · Rails · React · Redux · jQuery · Git · SQL · HTML · CSS

PROJECTS

SSTify | JavaScript, React, Redux (Front-end) Rails, PostgreSQL (Back-end)   **Live | Github**

Single page audio streaming app with a Spotify-influenced UX.

- Implements React music player component with front-end route at root path, allowing for asynchronous playback during navigation.
- Updates search results in real time using AJAX requests to the Rails back-end.
- Uses responsive UI to provide visual feedback for various functions

Bubble Burster | JavaScript, Createjs, CSS   **Live | Github**

Browser game inspired by the classic Bust-a-Move/Snood.

- Used Easel.js library to add, manipulate, and render sprites on the canvas.
- Created bubble physics, including trajectory calculation and wall bouncing, from scratch.

RubyRelation | Ruby, SQL   **Github**

ORM for Ruby inspired by Ruby on Rails' ActiveRecord.

- Applies Ruby's extensive metaprogramming and SQL, allowing for easy and intuitive database querying.
- Provides getter/setter methods and validation logic for models linked to database columns.
- Infers names of database tables when making associations between classes.

EXPERIENCE

Grad Assistant (Database Admin), UNC Greensboro Supplemental Instruction Program

Greensboro, NC   Aug 2011 - May 2013

- Designed and maintained MS Access DBMS of student records, updating 100+ records daily.
- Generated weekly reports tracking attendance information for 200 students and 15 school agencies.

EDUCATION

App Academy, Web Development - New York, NY   Feb 2017 - May 2017

Intensive 1000+ hour full-stack programming school, acceptance rate < 3%.

Master of Library Science, UNC Greensboro - Greensboro, NC   Aug 2011 - May 2013

Bachelor of Arts, English, UNC Greensboro - Greensboro, NC   Aug 2006 - May 2010