

Jeff Brubaker

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[Github](#) · [LinkedIn](#) · [Personal Site](#)

SKILLS

Ruby JavaScript React.js HTML5/CSS3 Git ES5 / ES6
Ruby on Rails JQuery Redux PostgreSQL OOP SQL

PROJECTS

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

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

- Implemented React music player component with front-end route at root path, allowing for asynchronous playback during navigation.
- Created custom API route for search queries, enabling instantly-updating search results through AJAX requests to the Rails back-end.
- Used Mp3Info gem to extract metadata from audio files during seeding, facilitating quicker loading times at front-end.

Bubble Burster | JavaScript, Createjs, CSS

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

Browser game written in JavaScript and inspired by the classic Bust-a-Move/Snood.

- Incorporated Easel.js library to add, manipulate, and render sprites on the canvas.
- Designed homemade game physics, including trajectory calculation and wall bouncing.

RubyRelation | Ruby, SQL

[Github](#)

ORM for Ruby inspired by Ruby on Rails' ActiveRecord.

- Applied Ruby's extensive metaprogramming, allowing for intuitive database querying.
- Provided getter/setters and validation logic for models linked to database columns.
- Created methods to infer names of database tables when making class associations.

EXPERIENCE

Healthcare Billing Specialist, LabCorp

Greensboro, NC

Sep 2014 - Sep 2016

- Processed patient bills and entered data per handwritten requisitions; maintained production score of 135% and accuracy rating of 98%.

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

Greensboro, NC

Aug 2011 - May 2013

- Maintained MS Access DBMS of student records, updating 100+ records daily.
- Generated weekly reports tracking attendance 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