

Matt Browne

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[LinkedIn URL](#) | [Github](#) | [Portfolio](#)

FRONT-END/FULL-STACK SOFTWARE ENGINEER

Experienced in JavaScript-based programming specializing in React, as well as both Java Spring Boot and Ruby on Rails for backend. Possess strong skills in collaboration and project organization. Also spent fifteen years earning a Doctorate in Music Composition, supplementing the above with unique creative thinking skills, soft skills, and proactivity.

TECHNICAL SKILLS

Javascript, React, Java, Spring Boot, Ruby, Rails, Active Record, Active Storage, Postgres, MySQL, CSS, Bootstrap

TECHNICAL PROJECTS

Atlas of Curiosities - [Github](#) | [Demo](#)

Collection of user-added local historical sites incorporating Google Maps API.

- Incorporated Google Maps API to map each location and give real-time distance information to the user.
- Utilized Active Storage to include photos from each user's visit which is stored online via Cloudinary.
- Incorporated the Google Maps Geocoding API to convert addresses into coordinates and vice versa.
- Converted global state variables into a Redux framework to streamline code where state is used..

Star Trek: The Game - [Github](#) | [Play](#)

Top-down action game developed entirely using vanilla JavaScript on the HTML Canvas, no external libraries or frameworks.

- Fully mobile solar system, each planet with their own orbit around the sun, some with their own moons orbiting them, each at different speeds, including hundreds of individually moving asteroids.
- Klingon enemies with attacking and retreating AI.
- Scanning and tracking for both enemy ships and planets around the solar system.
- 8-bit chiptune music for the main menu and each planet.

Recipe Roulette - [Github](#)

App to present user with a random recipe from an external API based on ingredients they have in their pantry

- Backend made using Java Spring Boot and MySQL to store ingredients and favorited recipes
- React frontend with vanilla CSS styling

Quotordle - [Github](#) | [Demo](#)

Wordle-like game where you are given a famous movie quote (+more hints) and must name the movie.

- Utilized a rails backend to store all movie information as well as user scores.
- Styled using Bootstrap to have a simple, Wordle-like appearance.
- Created a leaderboard showing all users to keep the game competitive.

EXPERIENCE

Dev 10

Associate

New York, NY
12/2022 - 07/2023

- Took part in a comprehensive Java training course
- Worked on various projects and skill-building endeavors while interviewing for positions

Maestoso Music

Freelance Composer and Arranger

New York, NY
09/2016 - Present

- Compose classical music for various ensembles ranging from opera to full orchestra.
- Handle a self-managed schedule of ongoing commission deadlines and performance dates.
- Collaborate closely with musicians, conductors, music directors, orchestras, and donors.

EDUCATION

Dev10

Full Stack Web Development, Java Spring Boot and JavaScript program

New York, NY
01/2023 - 04/2023

Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript program

New York, NY
07/2021 - 04/2022

University of Michigan, Ann Arbor

Doctor of Musical Arts, Music Composition

Ann Arbor, MI
09/2011 - 05/2016