

# Mason Anders

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

**SKILLS** JavaScript, Ruby, HTML, CSS, Ruby on Rails, React, React Native, Redux, SQL, PostgreSQL, Active Record, Active Storage, Amazon Web Services, Git, RSpec, Jest, Heroku, Axios

## PROJECTS

**SoundWaves** | *(React/Redux, Rails 5, Amazon Web Services, Active Storage, PostgreSQL, Howler.js)*

[live](#) | [github](#)

Inspired by SoundCloud, this was my first full-stack project that was developed and fully functional within the span of two weeks.

- Used AWS S3 with Active Storage for file uploading to speed up the process of saving and fetching audio, allow for users to upload their own audio files, and improve overall user experience.
- Created a playbar that persists during navigation throughout the website by employing Howler.js to create an audio object within a React component that changes based on a Redux slice of state in order to achieve seamless audio playing and the ability to quickly change which track is currently playing.
- Implemented a search function that sends search values to the backend while the user is typing. Those values are then used to query the database for any information related to the input and then rendered as individual items on the front end. This enables users to quickly search for data and see their results as they type without the push of a button.

**Wormhole** | *(JavaScript, HTML5 Canvas, CSS3)*

[live](#) | [github](#)

A game developed as a one-week project powered by JavaScript and HTML Canvas.

- Created mathematical functions to cause elements to grow in size as well as increasing in speed in order to simulate a pseudo-3D environment.
- Allowed for user interaction with the game through DOM manipulation and event listeners.
- Designed the game's webpage to be responsive and render touch controls at certain screen sizes for mobile users.

**TypeDraw** | *(React Native, Redux, Websockets, MongoDB, Axios, HTML5 Canvas)*

[live](#) | [github](#)

A cross-platform app designed for users to be able to remotely collaborate on a document in real time.

- Created a diffing function to isolate pixels of a Canvas element that had changed in order to send their new state to the database without the need to send the entire document.
- Used Axios to create API calls to the backend as an alternative to JQuery AJAX methods in order to keep dependant libraries light.
- Collaborated with a team, took on roles and tasks, and communicated effectively in order to effectively develop this project.

## EXPERIENCE

### Customer Support and Delivery Driver

*Entrees On Trays*

Aug 2016 - Feb 2018

- Trusted with large volume food deliveries from a variety of restaurants to high-priority clients such as large companies.
- Worked in an office taking phone orders and resolving issues from a large volume of customers and navigating Deliver Logic, the specialized software used by the company to track orders.
- Trained delivery drivers on topics such as customer service, handling item to be delivered, as well as company standards and policy.

### Performing Artist - Ballet Dancer

*Texas Ballet Theater*

Aug 2014 - May 2016

- A full-time position that required drive, physical and mental discipline, and over a decade of rigorous training to thrive in this incredibly competitive work environment.
- Expected to learn and retain new choreography within minutes of being taught. Instructed by numerous world renowned dance artists.
- Was selected out of the 30+ company members to dance in leading roles within the first year as a part of the company and continued to be casted in featured roles.

## EDUCATION

**App Academy** - 2018 - App Academy is a 13-week 1000 hour program for software engineering and full-stack web development. It's high standards for applicants mean an acceptance rate of under 3%.