

## SKILLS

React.js, Redux, JavaScript, CSS3, HTML5, Ruby on Rails, Express, Node.js, Tone.js, Web Audio API, Canvas API, AWS, jQuery, Ruby, PostgreSQL, SQL, SQLite3, Mongoose, MongoDB, Git, GitHub, jBuilder, Heroku, Railway.app, RSpec, Capybara, GIMP, Rust

## PROJECTS

**Rising Sign** | *An astrology-based dating app utilizing the MERN stack (MongoDB, Express, React, Node.js)*

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

- Implemented AWS S3, Multer, and Multer S3 to enable user image uploads, reducing server load and allowing for scalability of image services
- Designed dynamic and vivid user interfaces (UI) with CSS animations and React components, creating an interactive and beautiful experience for users (UX)
- Refactored component layout using conditional rendering and transformative class names to streamline file structure and improve code efficiency
- Interfaced tightly with MongoDB and my backend team to enact a flat state and efficiently update the app UI

**stepSeq** | *A single-page musical step-sequencer written in vanilla Javascript*

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

- Utilized the Tone.js library to serve seamless audio and provide the user compelling sound manipulation techniques
- Performed DOM manipulation without the use of external libraries to simulate the actions of a real, physical step-sequencer
- Integrated audio visualization techniques using Canvas API to give the user live feedback as they sculpt their soundscapes
- Provided an insightful tutorial with the help of the `getElementBoundingRect()` Javascript function

**Bootube** | *A spooky Youtube clone styled around halloween (PostgreSQL, Ruby on Rails, React/Redux, Node.js)*

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

- Connected user video files to AWS S3 through the use of Rails associations done on the model post-migration
- Crafted custom logo, buttons, and visuals using the open-source GIMP image editor to give the website it's own signature look and feel
- Leveraged CSS flex-box, CSS grid, and media queries to ensure a mobile-friendly design that stayed true to the source
- Created thumbnails using the vThumb.js library and jBuilder to provide an authentic youtube index experience
- Configured deployment of the project initially through Heroku, and then migrated onto Railway.app, where it is currently maintained
- Organized a responsive user interface (UI) with React-Router-Dom and managed state wisely using Redux

## EXPERIENCE

**Professional Violinist / Violist** | *Self-employed, May 2011 - Current*

- Performed in a variety of settings ranging from studio recording sessions to orchestral performances to solo recitals
- Operated as an independent contractor in collaboration with numerous wedding groups where prompt arrival, strong communication skills, the ability to adapt, and a clean and kempt appearance were mandatory skills
- Crafted custom repertoire lists based on client input and gathered skilled professionals to bring client visions to fruition

**Assistant Project Manager** | *Servicemaster By Timeless, LLC, Jan 2021 - April 2022*

- Coordinated ~250 material deliveries, conducted contractor hires, secured over 100 contract / document drop-offs, and acquired necessary technologies using BuilderTrend
- Managed damage mitigation / reconstruction timelines and budgets efficiently using GANTT tables, Excel spreadsheets, Xactimate valuation software, and persistent documentation to ensure timely delivery of projects
- Maintained an open pipeline of communication between business and client-side operations allowing for diligent service and prompt response times

## EDUCATION

**App Academy** | *Immersive software development course with focus on full stack web development, Fall 2022*

**Berklee College of Music** | *Pursued Bachelor of Art in Music Performance, Spring 2015*