

Ian Mayton

Houston, TX 77003 | 919-943-5542 | ian.mayton@gmail.com

[Github](#) | [Linkedin](#) | [Website](#)

FULL STACK WEB DEVELOPER

Experience in Ruby on Rails, React, and JavaScript based programming. With a background in classical music performance, my communication and creative collaboration skills make me an effective and flexible team member. My attention to detail and commitment to delivering high quality results will serve companies producing front-facing user products and complex back end frameworks. Classical musician with over 5 years of experience performing as a tenured member of the Houston Symphony and as a contractor with the Philadelphia Orchestra and Los Angeles Philharmonic.

TECHNICAL SKILLS

Ruby on Rails, Sinatra, SQL, CSS, HTML, JavaScript, React, Redux, WordPress, Elementor

TECHNICAL PROJECTS

Music LMS - [Github](#) | [Demo](#)

Users sign up or log in to view and subscribe to a collection of richly formatted courses presented by a single teacher. Progress between lessons is recorded to the database to track user engagement.

- Utilized Ruby on Rails API to create a database of Users and Courses
- Rendered nested associations to draw complex relationships between users and content
- Managed async fetch requests with redux-thunk to update the database with minimal client-side disruption

Audition Archive - [Github](#) | [Demo](#)

Users browse and study audition lists from major American orchestras to identify trends in the industry's audition repertoire and prepare efficiently according to institutional patterns of excerpt prevalence.

- Utilized Ruby on Rails framework to create a database of orchestras and their audition lists
- Implements many-to-many and one-to-many relationships to interrelate audition lists and excerpts to orchestras
- Authenticates users with a standard Rails authentication process or OAuth Facebook login
- Utilizes nested resources to allow admin to create new excerpts directly into an audition list

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

Users can browse a collection of events and add their name and email to "RSVP" to the event.

- Implemented a responsive single page application using JavaScript, HTML, and CSS
- Integrated a JavaScript frontend with a Ruby on Rails API backend
- Validates user data to avoid replication while allowing the same user to be added to multiple distinct events
- Translates JSON responses into JavaScript objects using ES6 constructor and class syntax

EXPERIENCE

Third Space Music

Webmaster and Web Designer

Houston, TX

06/2020 - Present

- Design, build, and maintain a custom website using WordPress and Elementor
- Maintain and integrate WooCommerce web store, Paypal donations platform, and Mailchimp subscriber database
- Maintain social media platforms and YouTube account to deliver livestream concerts
- Raised \$4600 during the first ever live streamed TSM Steinway Charity Concert for Houston-area non-profit [MECA](#)

Houston Symphony

4th Horn

Houston, TX

07/2015 - Present

- Perform classical repertoire for audiences in the United States, Europe, and South America
- Work as a part of a creative team to define musical styles and execute repertoire expressively and cohesively
- Prepare technical skills and study repertoire from all genres to achieve a high musical standard
- Resolved conflicts across the organization and modernized poll data collection as an orchestra committee member

EDUCATION

Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript program

Houston, TX

07/2020 - 04/2021

The University of North Carolina at Greensboro

Bachelor's in Music Performance - French Horn

Greensboro, NC

12/2013