

# Max Zander

Great Neck, NY (Willing To Relocate) | 516-650-6264 | [maxjacobzander@gmail.com](mailto:maxjacobzander@gmail.com)

[Github](#) | [Blog](#) | <https://maxjacobzander.com>

---

Full stack web developer with experience in Ruby and JavaScript based programming. As an in-demand operatic tenor throughout North America and Europe, my abilities as a linguist, storyteller, team leader, and all-around “people person” lend themselves well to web design and company contribution. My experience creating something from nothing as an award-winning composer and arranger of music has proven to be a beautiful parallel to writing code and finding the right puzzle pieces necessary to tell my intended story.

## TECHNICAL SKILLS

---

Ruby, Rails, SQL, JavaScript, React, Redux, Sinatra, HTML/CSS, Adobe Creative Suite (Photoshop, Audition, Premiere), Powerpoint

## TECHNICAL PROJECTS

---

### Ear Trainer - [Github \(Front-End\)](#) | [Github \(Back-End\)](#) | [Demo](#)

A tool for musicians to help them recognize melodic intervals by ear

- Created API back-end with an MVC structure using Rails and designed the database schema
- Utilized HTML and JavaScript to design and create a functional single-page front-end
- Employed CSS to effectively style the front-end both generally and conditionally

### Liquor Cabinet - [Github \(Front-End\)](#) | [Github \(Back-End\)](#) | [Demo](#)

A way for users to find cocktail recipes by liquor type

- Designed and built an SPA using ES6 with a React/Redux front-end and a Rails API back-end
- Utilized Redux and Redux-Thunk middleware to modify state change and make use of asynchronous actions to send and receive data from the server
- Engineered search functionality using Redux to run a Rails search based off of a user-entered query

### Bravo Personal Score Library Catalogue - [Github](#) | [Demo](#)

A way for musicians to keep track of the scores in their own personal library

- Employed Sinatra to build out a Ruby-based library catalogue
- Used ActiveRecord to build a database with CRUD functionality for users’ personal scores

## EXPERIENCE

---

### Various Opera Companies/Symphony Orchestras

USA, United Kingdom

Professional Opera Singer

08/2014 - Present

- Professional operatic tenor (specializing in character repertoire), sang professionally in nine states, as well as in the United Kingdom (companies include: Opera Idaho, Des Moines Metro Opera, Royal Liverpool Philharmonic Orchestra)

### Indiana University Jacobs School of Music

Bloomington, IN

Tour Guide and Administrative Assistant

09/2012 - 05/2016

- Increased rate of potential student to applicant through personal engagement and informative tours of an unparalleled facility
- Conducted question and answer sessions throughout the academic year and during audition weekends (approx. 600 students + families per weekend)
- Enhanced new/potential student experience as the host of a series of informational videos regarding the application process, audition process, visiting campus, student life, etc.

## EDUCATION

---

### Flatiron School

New York, NY

Full Stack Web Development, Ruby on Rails and JavaScript program

08/2020 - 01/2021

### Indiana University Jacobs School of Music

Bloomington, IN

MM Voice Performance

05/2016

BM Voice Performance, Minor in Conducting

05/2014