# Max Zander

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Github | Blog | https://maxjacobzander.netlify.app/ | 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
- Designed and developed a functional single-page front-end with HTML and JavaScript
- Employed CSS to design and 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 and moderated 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
Master of Music in Voice Performance                                                        05/2016
Bachelor of Music in Voice Performance, Minor in Conducting                                  05/2014