

# Eric Bowman

Software Engineer using creativity developed as a Doctor of Music alongside analytical problem-solving developed as a Certified Personal Trainer

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## EXPERIENCE

### General Assembly Software Engineering Immersive, Boston, MA — *Fellow*

May 2019 - July 2019

-12 week, 500+ hour immersive program focused on computer-science fundamentals, software engineering concepts, and full-stack web development.

#### Projects:

##### LunkedIn:

- Used react.js, Material UI, ruby on rails to build a full-stack application
- App allows users to log in and create a 12-week, 48-day exercise routine based on 6 inputs. No 2 days are the same in the routine.
- App provides graph showing user progress for one-rep maximums

##### Survey Says:

- Used Express, Mongoose, MongoDB, to build a full-stack web application
- App allows users to log in, create/update/delete surveys, take surveys, and view the results of surveys.

##### Rep Repo:

- Used HTML, CSS, bootstrap, javascript, jquery, and ruby on rails to build a full-stack web application for musicians
- App allows users to access a database of over 1300 songs, create their own repertoire list, and get a list of songs they have in common with other users

##### Tic-tac-toe:

- Used HTML, CSS, bootstrap, javascript, jquery, and ajax to build the front-end of a tic-tac-toe game
- App allows user to login in and play against different levels of A.I. opponents, including one that is unbeatable.

### Massachusetts Institute of Technology, Cambridge, MA — *Personal Trainer*

March 2018 - Present

- Created plans to meet clients' goals after assessing their needs and abilities
- Developed individualized solutions for aberrant movement patterns and posture distortions

### University of Miami, Miami, FL — *Instructor of Record*

September 2014 - May 2017

- Created and implemented curricula for university courses including Group Jazz Piano, Trombone, Skills Ensemble, and several jazz ensembles
- Ensured students met academic benchmarks by keeping records of progress

## SKILLS

Web-development

HTML

CSS

SASS

Bootstrap

Material UI

Javascript

React.js

Jquery

Ruby

Rails

PostgreSQL

Express

Mongoose

MongoDB

## EDUCATION

### University of Miami, Miami, FL — *Doctor of Music*

September 2012 - May 2017

### University of Miami, Miami, FL — *Master of Music*

September 2012 - May 2017

### Western Michigan University, Kalamazoo, MI — *Bachelor of Music*

September 2007 - May 2012

## Awards

2012 International Trombone Association Frank Smith Solo Competition, Paris, France