



# GriffinGoing

## Student

October 2020

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## About me

While studying music as a college undergraduate, I took an introductory computer programming course which opened me up to a whole new world. A strong self starter, I dove in and began pursuing computer science as a full-time career. I love the ongoing challenge to learn that a career in CS demands, and I am eager to continue my journey.

## Education

- 2014-2017 A.M. in Piano Performance Grand Rapids Community College  
Grand Rapids, Michigan
- 2018-2021 B.S. in Computer Science - GPA: 3.67 Grand Valley State University  
Allendale, Michigan

## Projects

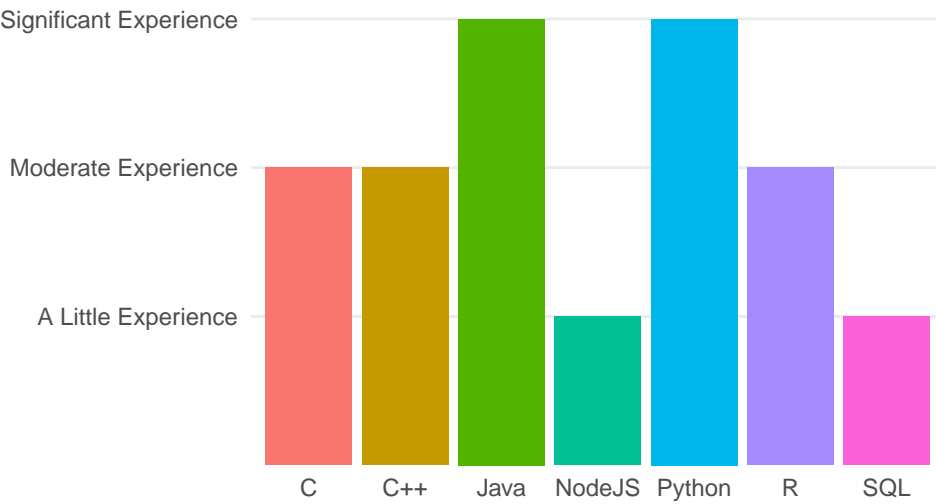
### NaviGatr In-Building Mapping Application

- Designed and created (with a team) an app for navigating inside buildings via Dijkstra's Algorithm
- Enabled easy navigation between rooms with visual and written directions
- Companion app enabled the creation of maps over any image or floor plan

### Conversion of Music to Haptic Vibrations on a Worn Device

- Working to compress wave frequency up to 20,000 Hz to a 500 Hz range
- New waves sent in haptic form to a wearable device
- This method allows those with hearing loss experience music in a new way

## Languages



## Design Principles and Libraries

### React

- Built a location-based weather service React app using the Bootstrap library
- Primarily used collaborative information from the *National Weather Service* API

### REST API

- Built a front-end client for searching and navigating the International Games Database

## Work Experience

### Applied Computing Institute — Software Developer • September 2020 - Current

- Performing research on the application of MFCC techniques to specific audio-classifying ML algorithms
- Working on a small team performing both front-end and back-end design and development

### Bonefish Grill — Inventory Manager • February 2016 - August 2020

## References available upon Request

This resume is kept updated on [github](#) here.