



# GriffinGoing

## Student

September 2020

📍 4472 Bonanza Dr NE - Grand Rapids, MI

☎ +1 (616) 516-4145

✉ GriffinGoing@gmail.com

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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, Michigan

Grand Rapids Community College

2018-2021 B.S. in Computer Science  
Allendale, Michigan

Grand Valley State University

## 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

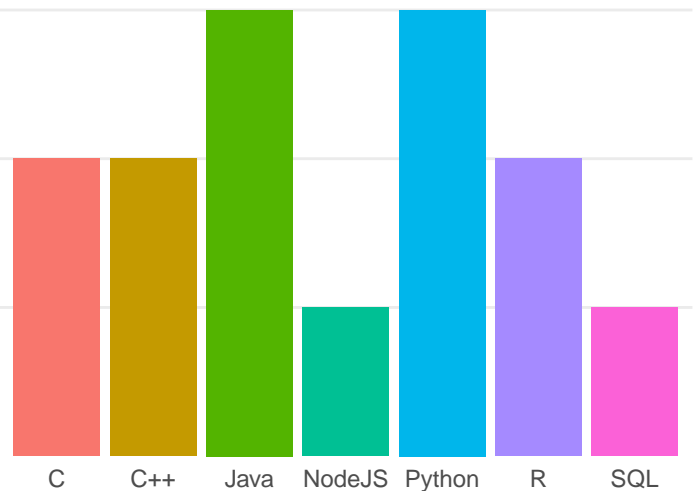
- Working to compress wave frequency up to 20,000 Hz to a 500 Hz range
- New waves sent in haptic form to a wearable device
- This method allows those with hearing loss experience music in a new way

## Languages

Significant Experience

Moderate Experience

A Little Experience



## 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 the International Games Database
- Functionality includes: searching the database, selecting a search result, and navigating available selection information
- Client automatically re-queries the API if redirect information is returned

## Work Experience

Bonefish Grill, Grand Rapids, MI — Inventory Manager • February 2016 - August 2020

- Oversaw the successful implementation of a new digital payment system
- Optimized inventory tracking/ordering process to save both time and money
- Modified computer workflow assets/processes to increase productivity

References available upon Request

This resume is kept updated on github here.