

# Benjamin E. Jordan

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Github: <https://github.com/Bej9038>

Searching for an internship/co-op for Summer 2021

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## Education

- Rochester Institute of Technology
- B.S. in Computer Science  
[Expected Dec 2022]
- Minor in Music and Technology
- 3.5 GPA
- 1470 SAT

## Skills

### Languages

- **Java, HTML, C, SQL, PHP, CSS, Javascript**, Python, Typescript, Kotlin

### Tools

- Git, Linux, Angular, Scrum, Apache, Web Audio API, Omnitone

### Audio Engineering

- Pro Tools, Ableton, FL Studio, Mixing, Mastering, Composition

## Work Experience

- Research SW Development for Dr. SungYoung Kim at RIT  
[Rochester NY, June 2020 - Present]
- Instructor at UCode Ithaca  
[Ithaca NY, June 2019 - August 2019]

## Activities

- Varsity Track and Field Athlete  
[March 2019 - Present]
- Electronic Dance Music Club Officer
- Member of University of Rochester and RIT Audio Engineering Society sections
- [Ben's SoundCloud](#)

## Projects

### Cochlear Implant Testing

- Created an online program used to test and calibrate hybrid cochlear implants for hard of hearing patients.
- Written using HTML, Javascript, CSS, SQL, and PHP
- Website Link: [auditoryneuro.com](http://auditoryneuro.com)
- Poster: [Research Poster](#)

### Omnitone

- Created a web based program that processes ambisonic audio (The audio format used for virtual reality) and combines that with a 3D visual representation of a room.
- Used the Web Audio API along with google's Omnitone library
- Allows the user to select a source and receiver position and explore the room and its audio with a VR viewer.

### Offspring Project

- Interactive program that allows users to create and query family trees
- Implemented with n-array trees and an ADT queue for breadth first traversal query functions