

Benjamin E. Jordan

607-339-1740

bej9038@rit.edu

Portfolio: <https://bej9038.github.io/PortfolioWebsite/#/>

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, APIs, Frameworks, and Libraries

- Java, HTML, C, SQL, PHP, CSS/SCSS, Javascript, Python, React, C++, Web Audio API, JUCE

Tools

- Git, Linux, Windows, macOS, Scrum

Audio Engineering

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

Work Experience

- Researcher and Software Developer 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

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
- 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.

EQ Audio Effect

- Currently implementing a parametric equalizer VST3 plugin for music production and mixing.
- Used the JUCE C++ framework for the digital audio processing along with the gui.