

# Benjamin E. Jordan

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

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## Education

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

## Skills

### Programming (most exp.)

- Java, Javascript, C, C#

### Other Programming

- C++, Python, React, SQL, PHP, Angular, MIPS

### Other Skills

- Git, Agile, Vim, JetBrains, Linux, Windows, macOS, Audio Engineering

## Work Experience

- SWE internship at Carestream  
[Rochester NY, May 2022 - Present]
- Audio Research and Software Development Coop at RIT  
[Rochester NY, June 2020 - Dec 2021]
- Instructor at UCode Ithaca  
[Ithaca NY, June 2019 - August 2019]

## Notable Coursework

- Concepts of Computer Systems
- Prog. Language Concepts
- Parallel and Distributed Systems
- Intro to Cryptography
- Analysis of Algorithms

## Awards

- Liberty League All-Academic Team

## Projects

### Cochlear Implant Testing

- Independently developed an online program used to test the effectiveness of hybrid cochlear implants
- Written in Javascript, HTML, CSS, SQL, and PHP
- Link - [auditoryneuro.com](https://auditoryneuro.com)
- Poster - [Research Poster](#)

### Omnitone

- Created a web program that converts room impulses and a selected source file into a 3D audio and visual experience.
- Written in Javascript, HTML, and CSS
- Allows the user to select a sound source & receiver position and experience any sound inside one of two available rooms.
- Includes a VR image viewer as part of the UI

### EQ Audio Effect

- Wrote a four filter parametric equalizer VST3 plugin designed for audio processing
- Written using the JUCE C++ framework

## Activities

- Varsity Track and Field  
[March 2019 - Present]
- RIT EDM Club Founder & Officer  
[May 2020 - Present]