

Connor Finnegan

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EDUCATION

University of Massachusetts Boston, Boston, MA

Bachelor of Science in Computer Science

Expected Grad May 2026

Coursework: Compilers, Advanced Data Structures and Algorithms, Theory of Computation, Higher Level Languages, Computer Architecture, Intro to Software Engineering, Operating Systems, Computer Graphics

TECHNICAL SKILLS

Python, Java, C, C++, Javascript, React, ExpressJS, HTML, S/CSS, JSON, Pandas, PostgreSQL, PCB Design, PCB Assembly, Racket, XTK, Threejs, WebGL

PROJECTS

Portfolio Website connorfinnegan.com

September 2025

HTML, CSS

- Created a portfolio website using pure html and css to display both personal and professional experience. Showcasing in depth the projects I have worked on and the project ideas I hope to achieve.
- Highlight coursework and projects that define my qualifications as a programmer.
- Providing an insight into both academic and personal life and showcasing aspects that highlight key aspects of my character.

Plant Monitoring App

May 2025

Python, ExpressJS, React, MongoDB, ESP32

- A full stack website users can use to monitor their plants and their environment from anywhere.
- Provides real time data on a simple dashboard for users to use for personal or commercial use.
- Using an ESP32 to connect temperature, humidity, and water moisture sensors to send data to our mongoDB database, with a full React frontend connected through expressJS api.

AudioMesh <https://cfinnegan827.github.io/AudioMesh/>

December 2025

ThreeJS, Html, CSS, Strudel

- A web based graphics project that combines a visual aspect to sound creation
- Using a JS plugin, Strudel, to create unique sounds based on common instruments and music practices
- Using key inputs with fully adjustable threeJS geometries allows users to create their own sounds and samples

RP2040 Microcontroller

August 2024

Computer Hardware, PCB design, Python, Micropython

- Creating a microcontroller using the RP2040 chip that integrates all 26 programmable GPIO pins with pins for ground and power output. The custom designed pcb is programmable through usb connection in micropython. All used to create custom projects for home iot devices such as temperature sensors for household application.

EXPERIENCE

East Cambridge Savings Bank

June 2025 - present

Information Technology Clerk

- Created an image used for computers distributed across back office and branch employees.
- Create, Delete, and Modify user accounts and access to various systems
- Image and deploy computers for company wide computer conversion projects.
- Deliver quick and thorough help desk support issues with bank related software and hardware, windows lockout and password resets, and general issues regarding technology in the back office and branches.
- Facilitated vendor calls regarding teller software support and general hardware support to obtain solutions for end-user issues.

Stop and Shop Supermarket

July 2021 - December 2025

Assistant Customer Service Department Head

August 2023 - December 2025

Bakery Clerk

July 2021 - August 2023