

Finnley Howald

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EDUCATION

McGill University

B.Sc., Computer Science

May 2026

Montreal, QC

- 4.0 GPA
- Certificate of Recognition in COMP 202 (Foundations of Programming)

WORK EXPERIENCE

Mount Sinai Hospital – Cardiology Lab

July. 2022 – Sept. 2022

Intern Software Developer

Toronto, ON

- Worked alongside a postdoctoral fellow in their study of analyzing heart pressure forms using Python.
- Made a GUI to streamline the analysis and processing of data collected from the lab.
 - Members of the lab were not proficient in programming; thus, a GUI increased efficiency and reduced the errors in data analysis.
- Communicated my code to my peers and wrote a report about the functionality of the GUI using flowcharts and comments.

University of Toronto

Nov. 2021 – May 2022

Student Mentor

Toronto, ON

- Taught students with a passion for STEM about how to succeed in their field of choice.
- Made educational videos and gave presentations to teach students about various topics in science.

PROJECTS

Personal Website | HTML, CSS, JavaScript

Jan. 2023

- Created a visually appealing layout and design using Bootstrap framework.
- Implemented responsive design to ensure website looks and functions well on various screen sizes.
- URL: <https://finnley111.github.io/finnley-howald/>

Bridge | HTML, CSS, JavaScript, Django

Nov. 2022

- Developed a website that helps long distance couples stay connected.
- Implemented a user-friendly interface and visually appealing design using HTML, CSS, and JavaScript
- Developed an image gallery feature to allow users to share and view pictures.
- Built an event planner feature to help couples plan and schedule virtual or in-person meetups.

All Rat Remains | Unity, C#

Jan. 2023

- Awarded "Best Audio Design", presented by Ubisoft at McGameJam 2023.
- Created scripts for movement, camera follow, and dash mechanics.
- Collaborated with a team of developers and designers to bring the game to completion.

SKILLS

Natural Languages: English, French (professional working proficiency)

Formal Languages: Python (Proficient), Java (Intermediate), HTML/CSS (Proficient), JavaScript (Intermediate), C# (Intermediate)

Developer Tools: GitHub, Docker, Spyder

Libraries: pandas, NumPy, Matplotlib

Other Skills: Microsoft Office, Adobe Suite