Finnley Howald

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EDUCATION

McGill University   **May 2026**
B.Sc., Computer Science   *Montreal, QC*

WORK EXPERIENCE

Mount Sinai Hospital – Cardiology Lab   **Aug. 2022 – Sept. 2022**
Intern Software Engineer   *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 high school.
- Made educational videos to teach students about various topics in science.

Danforth Collegiate and Technical Institute   **June 2019 – Aug. 2019**
Math Tutor   *Toronto, ON*
- Organized lesson structures to teach struggling students concepts of math.
- Helped several students increase their marks to recover their math credit and pass the course.

PROJECTS

Personal Website | HTML, CSS   **Nov. 2021 – May 2022**
- Learned the fundamentals of HTML and CSS to build my website.
- URL: https://finnley111.github.io/finnley-website/index.html

Medical Database | Java   **Oct. 2020**
- A medical database simulation that was built in collaboration with two members.
- Learned vital communication skills in a coding environment.

SKILLS

Natural Languages: English, French (professional working proficiency)
Formal Languages: Python, Java, HTML/CSS, JavaScript
Developer Tools: Git, Docker, Spyder, VS Code, Visual Studio
Libraries: pandas, NumPy, Matplotlib, Tkinter
Other Skills: Microsoft Office, Adobe Suite