

Luca Mawycin

(647) 562-9774 | lucamawycin@gmail.com | [GitHub](#) | [LinkedIn](#) | lucamawycin.com |

Education

| | |
|--|---------------------|
| McMaster University <i>Computer Science</i> | Sep 2024 – Present |
| <ul style="list-style-type: none">• Bachelor of Applied Science• Relevant Courses: Data Structures & Algorithms, Computer Architecture, Web Design, Software Development• Current Courses: Databases, Concurrent Systems, Automata & Computability, Algorithms & Software Design | |
| Humber College <i>Computer Engineering Technology</i> | Sep 2023 – Dec 2023 |
| <ul style="list-style-type: none">• Relevant Courses: Electrical & Digital Circuits, Computer Hardware & Operating Systems | |

Experience

| | |
|---|--------------------|
| Sales & Management <i>Carla's Cookie Box</i> | Feb 2021 – Present |
| <ul style="list-style-type: none">• Overseeing the expansion of reach of company audience through media advertisement, and the production of goods.• Displayed understanding of web design and development principles through troubleshooting of backend company website operations.• Exhibit outstanding customer service by identifying needs of customers, creating a welcome environment, and ensuring needs are met. | |

Projects

| | |
|--|----------|
| Derivative Calculator <i>Haskell</i> | Dec 2024 |
| <ul style="list-style-type: none">• Developed a program that allows users to derive and map values onto various mathematical functions.• Implemented principles of functional programming to simplify complex expressions• Improved reliability by creating built in program checking to validate system efficacy. | |
| Discussion Forum <i>JavaScript, PHP, SQL</i> | Mar 2025 |
| <ul style="list-style-type: none">• Collaborated with a team of 3 to design a dynamic web app that allows various users to within a class to communicate with each other.• Developed using AJAX-based data retrieval with SQL and a responsive UI, improving usability across devices.• Integrated user authentication and role-based permissions to ensure secure interactions. | |
| Resume Generator <i>JavaScript, Python</i> | Jan 2026 |
| <ul style="list-style-type: none">• Engineered a web-based resume generator that allows users to input personal and professional information and preview their resume in real time.• Enhance quality of user resumes by providing feedback using given information.• Developed a flexible architecture enabling dynamic updates to resume content and layout. | |

Technical Skills

Programming Languages: Python, Java, C/C++, HTML/CSS, JavaScript, Haskell

Frameworks & Tools: Git, Linux, NodeJS, React, REST API, AJAX, Flask, SQL, Arduino, MatLab

Languages: English, French