

HIGHLIGHTS OF QUALIFICATIONS

- Currently enrolled in Master of Engineering, Computing and Software program at McMaster University
- Strong analytical and problem solving skills established through course work and project work
- Experienced with OOP, software design patterns, front end and back end development
- Proficient in Python, Java, C++, C, CSS, HTML, SQL, and JavaScript with 3-years experience in each

EDUCATION

Master of Engineering Computing and Software

McMaster University, Hamilton ON

Sep 2021 – Now

- Cumulative GPA of 4.0/4.0

Core Courses:

- Theoretical Foundations of Unsupervised Learning
- Logic and Discrete Mathematics

Bachelor of Science Joint Major Mathematics & Statistics & Computer Applications

Concordia University, Montreal QC

2017 – May 2021

Core Courses:

- Design and Analysis Algorithms
- Web-Based Enterprise Application Design
- Advanced Program Design with C++
- Numerical Analysis
- Mathematical Modeling
- Techniques in Symbolic Computation

SKILLS

Languages:

- Python
- C
- C++
- Java
- JavaScript
- HTML
- MATLAB
- Mathematica
- LISP
- AspectJ
- OCaml

Frameworks:

- Node.js
- jQuery
- React

Databases:

- MySQL
- Firebase

Tools:

- Git
- Latex

PROJECT

Calculator (Software Engineering I team project)

Aug 2020

- This project implements a jre runnable software calculator with student designed transcendental functions, without using the built-in Math library.
- Understand the transcendental function math equation and implement it in Java.
- Implement the Dijkstra Shunting-yard algorithm for the math equation parser.
- Design the GUI for the software and build test cases.

Message-board (Web-Based Enterprise Application Design)

Dec 2020

- This project implements a web application with Servlet, MySQL, and JavaServer Pages (JSP).
- Design and implement the front-end with JSP to generate request data.
- Design the GUI and build test cases