



ELITE LU

Third Year McMaster Computer Science Honours Student

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CODING LANGUAGES

ARM C C C++ CSS

Elm Gradle Haskell HTML

Java JavaScript Latex

Processing Prolog Python

R SQL

FRAMEWORKS

Next.js React

DEVELOPER TOOLS

DBeaver Eclipse GitHub

JupyterHub MATLAB

Netbeans OverLeaf

VS Code

LANGUAGES

English Mandarin Chinese

EDUCATION

McMaster University

09 2021 - 04 2025

Hamilton, Ontario, Canada

GPA: 3.9

JOB EXPERIENCE

Software Developer | Practice Perfect EMR

05 2022 - 09 2022

Orangeville, Ontario, Canada

- Designed an API tester that checks server health along with producing PDFs from APIs
- Generated JSON files from server calls
- Created a GUI for the application in Java for a better user experience

CODING EXPERIENCE

Game Development Club | McMaster University

09 2023 - ONGOING

Hamilton, Ontario, Canada

- Coding with Python and using Godot
- Developing different games along with the design of assets
- Utilizes real time user interaction

VEX Robotics | Newmarket High School

09 2019 - 03 2020

Newmarket, Ontario, Canada

- Coded with VEXcode V5
- Aided in the software development of the team robot and helped allied teams with code
- Designed the clamp mechanism to score points

PROJECTS

Elite Lu Website |

09 2023 - ONGOING

- Coded with next.js using JavaScript, CSS, and HTML
- Personal portfolio website that displays resume and projects
- All assets other than text were hand-drawn.

API and Server Stability Tester

05 2022 - 09 2022

- Coded with Java for Practice Perfect EMR
- Tests out server stability and generates PDFs of their APIs
- Produces JSONs of server information of users

The Simple Derivatives Game |

01 2022 - 05 2022

- Coded using Elm
- A math game that shows users how to do derivatives
- Two main game modes; freeplay and normal play with 3 lives