LEWIS RAFUSE

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HIGHLIGHTS OF QUALIFICATIONS

- 3rd Year Software Engineering and Management student at McMaster University in high academic standing, with 8 months of previous co-op experience
- Creative and analytical thinker driven to work in a fast paced and dynamic environment
- Strong verbal and written communicator with proven leadership skills

SKILLS

Languages: JavaScript, Python, Java, PHP, C, C++, HTML, CSS, MATLAB, Golang, SQL

Tools: Excel, Word, PowerPoint, Linux OS, jQuery, MySQL, Git, LaTeX, JSON API, UML

EDUCATION

Bachelor of Engineering, Software Engineering and Management, CO-OP **2022**
McMaster University, Hamilton ON

- Maintained a 3.6/4.0 GPA while consistently receiving Dean's Honour List
- Invited to the Golden Key Society for achieving a GPA in the top 15% of Software Engineering at McMaster
- Recipient of McMaster Honour Award ($1000) for a 93% admission average

Relevant Courses:

- Principles of Programming
- Data Structures and Algorithms
- Databases
- Software Requirements and Security
- Software Testing

WORK EXPERIENCE

Web Application Developer **Jan 2019-**
McMaster University, Hamilton ON **present**

- Used knowledge of SDLC to plan, prototype and deliver applications to the McMaster Steel Research Centre (SRC)
- Developed a responsive front-end **(jQuery, JS, HTML, CSS)** with cross-browser capability, and efficient back end **(PHP, MySQL)** to integrate a steel process model **(C++)** into the SRC's website
- Hand-coded custom form-filling Firefox extension **(Firefox extension API)** which resulted in a 3X speedup from manual entry

Code Camp Instructor **May-**
McMaster University **Aug 2018**

- Taught fundamental programming concepts in hundreds of presentations

EXTRACURRICULAR ACTIVITES

McMaster Engineering Musical **2019**
Production Manager

- Demonstrated leadership skills by managing production team to mic, light and film live productions

DeltaHacksV **2019**

- Worked in a team of 4 to deliver image analysis program within 24 hours
- Developed using a **Python** and **SciKitLearn machine learning algorithm** to predict steel composition from electron microscopy