LEON LIU

25 Alvin Curling Cres, Scarborough, ON | (647) 889-1987
liu2236@mcmaster.ca | LinkedIn | GitHub

HIGHLIGHTS OF QUALIFICATIONS

- Fast learner who actively seeks new knowledge and thrives in challenging environments.
- Enhanced problem-solving skills through rigorous coursework, practical experience and woodwork projects.
- Demonstrated strong team player skills by collaborating effectively with diverse groups.

EDUCATION

McMaster University   **Hamilton, ON**
Bachelor of Technology, Software Engineering   May 2023 - Present
- Relevant Coursework: Data Structure & Algorithm, Artificial Intelligence, Neural Networks & Deep Learning, Data Analysis & Big Data, Project Management, Software Requirement (Agile Development)

Seneca College   **Toronto, ON**
Computer Programming & Analysis Diploma   Jan 2020 - Jan2023
- Honors: President's Honor List
- GPA: 3.9/4.0
- Relevant Coursework: Object Oriented Programming (C/C++), Web Programming, Linux Programming, Shell

PROFESSIONAL EXPERIENCE

BBD Insights   **North York, ON**
Frontend Engineer   Feb 2023 - Aug 2023
- Spearheaded the design and development of data analysis and visualization web applications.
- Diagnosed and resolved issues, inefficient designs and elevating system efficiency.
- Played a key role in facilitating team collaboration, ensuring effective communication and cooperation.
- Communicated with clients to determine technical requirements, influencing project outcomes and direction.

CIBC   **Toronto, ON**
Application Developer Co-op   Jan 2022 - Apr 2022 & Jan 2021 - Apr 2021
- Developed and executed automated office procedures, saving the team an estimated 30 hours per month.
- Revamped outdated software, enhancing functionality and user experience.
- Identified and fixed numerous bugs, improving the stability of multiple software applications.
- Showcased expertise in developing automated software, earning the recognition of "Intern of the Week."

EXTRA-CURRICULAR ACTIVITIES

Angus Glen Community Centre & Library   **Markham, ON**
Volunteer Robotic Tutor   Feb 2020 - Apr 2020
- Encouraged and assisted kids with their robotic projects, guiding them on programming for robotic modules.
- Maintained and prepared robotic teaching aids for weekly activities.

PROJECTS

Capital Optimization (Frontend)   Feb 2023 - Aug 2023
- Engineered the frontend of web applications using React and Mui.
- Established a real-time communication channel with the backend, ensuring instant data synchronization.
- Performed visual analysis of computational results retrieved from the cloud, in a clear, impactful manner.

Game Social Media Platform   Sep 2022 - Dec 2022
- Architected a user registration and login system, providing secure access to the gaming platform.
- Implemented an interactive friend system and in-site chat functionality, to foster community engagement.
- Constructed and embedded mini-games within the platform and introduced a competitive ranking system.

SKILLS AND INTERESTS

Technical Skills: Javascript, HTML, CSS, React, AWS, Docker, Git, Unit Test
Languages: Mandarin, English
Interests: Wood work, Video game