ROCCO LEE

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HIGHLIGHTS OF QUALIFICATIONS

- G2 License
- CPR Level C / AED
- Experience with C++ in Visual Studio Code
- Taken Coding lessons from Codecademy (SQL, PHP, HTML5, CSS3, JavaScript)
- Experience with common webserver stacks (LAMP servers, VPN servers, working in a Ubuntu environment)
- Microsoft Office (Word, PowerPoint, Excel, Teams)
- Adobe CS6 Design Suite (XD, Illustrator, Photoshop, DreamWeaver)
- Various Google applications
- Slack Workspace
- Trilingual - Cantonese (Spoken Fluency), English (Spoken Fluency), Mandarin (Basic communication)

EDUCATION

Bachelor of Technology (B.Tech)
McMaster University, Hamilton, Ontario   Sept. 2019 – present
Process Automation Engineering – Year 1

- Relevant Courses: Technical Communications, Electronics, Physics, Analytical Chemistry, Object – Orientated Programming
- Currently in level one of an integrated 4.5-year engineering-management combined degree-diploma program through
- McMaster University and Mohawk College.
- The business-management curriculum has dual accreditation, globally with the Accreditation Council of Business Schools and
- Programs, nationally with the Canadian Institute of Management.
- Will be awarded: Bachelor of Technology Degree, Chemical Engineering Technology Advanced Diploma, and Business
- Management Certificate.
- Received a **B.Tech Entrance Scholarship** for admission with an average greater than 85
- Received a **Level 2 Honors Award** upon entering the program as well

McMaster University, Hamilton, Ontario   Nov. 2019 - Present
B.Tech Association Process Automation Stream Representative

- Communicating with the student body of my program about upcoming events and promoting a positive image of my program to visiting guests in Open-House Events
- Strategizing with professors to inform them of academic concerns for struggling students
- Voicing the concerns and changes of the student body and discussing with other members of the association to see how these changes can be implemented
- Organizing events to improve student-professor relations and to help students socialize with other members of their program
- Gathered feedback from numerous employers whilst hosting industry nights for other students to network with industry employers

McMaster University, Hamilton, Ontario   January. 2020 - Present
SumoBot Design Club

- Designing the chassis of a sumobot which will be made of 3D printed parts and cardboard
- Programming done in Arduino
- Collaborating with teammates throughout the building and testing phases
- Learnt about mechanical design and motor control through tutorials and workshops provided by the club

PROJECTS – McMaster University

Mobile Application Development – UI/UX Designathon

- Networked with the company's representative to learn about their company mission in order to formulate a prototype which would suit the company's image
- Collaborated with team members to methodically design and test a mobile application for a company in need in a competitive environment
- Enhanced knowledge in Adobe XD through self-conducted research to bring our ideas together into a prototype
- Presented the final prototype to the company in an exhibition and received feedback from the company for enhancements and improvements

LAMP server administration

- Researched about the LAMP stack for Ubuntu servers
- Built and installed the LAMP stack through a virtual machine simulation of Ubuntu Server 20.04
- Created a simple HTML welcome page using knowledge of PHP and HTML coding languages
- Gained experience working in a Ubuntu Server environment

Basic Coding Project (Tic-tac-toe in C++)   Dec. 2020 - Present
- Replayable game with either a friend or computer in the command prompt
- Planned to implement graphics once the skill is learnt
- Coded out of interest and as a steppingstone to more complex future projects
- Combines the logic learnt from the classroom into one culminating project, which is supplemented by skills and techniques learnt from self-conducted research

CAD Design-a-thon
- Given 36 hours to design, test and present a solution to a given problem
- Learnt about AutoCAD Inventor during the event through design workshops to create a neatly designed prototype of the final product
- Done in groups of 3 to simulate a team working on a real project with a given deadline
- Presented the final product and design process to a group of judges in a project expo

COMMUNITY INVOLVEMENT

Program Leader
Markham Public Library, Markham, Ontario   Jan. 2018 - Present
- Led seasonal programs hosted by the library and ensuring the smooth operation of such events
- Delegated tasks to volunteers and communicating with parents in a professional manner about inquiries of the library or its events
- Collected analytics and feedback on the events and how the event participants feel about the event
- Progressed from being a general clerk to leading programs

Web Team Member
Power Unit Youth Organization, Markham, Ontario   Nov. 2017 – Present
- Communicated with the rest of the organization to ensure that all websites are updated
- Worked collaboratively to troubleshooting errors with each website through working diligently with my team and forming an effective problem-solving structure whenever a problem arises
- Taken initiative to learn about website coding and website building skills to better do my job

Logistics Team Member
Night It Up! Night Market, Markham, Ontario   Nov. 2017 – Present
- Coordinated with third-party providers to arrange for services required for the event, such as emergency response personnel
- Articulated effective solutions to conflicts on event days and demonstrated ability to adapt by delegating responsibilities and maintaining communication between organizers, volunteers, and external parties
- Led and delegated tasks to a team of 5 to 6 volunteers on the day of the event and working closely with other teams to ensure the event runs smoothly
- Directed traffic flow of vendors, customers, and city officials alike throughout the event

AWARDS
- Markham District Energy 2018 Bursary Award
- High School Honour Roll