ROCCO LEE

2194 Bur Oak Ave, Markham, ON (L6E1M4)
Tel.: (647) 870-9984   Email: leek104@mcmaster.ca

HIGHLIGHTS OF QUALIFICATIONS

- G License
- CPR Level C / AED
- C++ in Visual Studio Code
- Completed Codecademy training on various languages (SQL, PHP, HTML5, CSS3, JavaScript and React.js)
- 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 (Docs, Slides, Sheets, Drive)
- Slack Workspace
- Trilingual - Cantonese (Spoken Fluency), English (Spoken Fluency), Mandarin (Intermediate understanding)

EDUCATION

Bachelor of Technology (B.Tech) (Expected Completion Dec. 2023)
McMaster University, **W. Booth School of Engineering Practice & Technology,** Hamilton, Ontario   Sept. 2019 - Present
Automation Engineering Technology

- Relevant Courses: Technical Communications, Electronics, Physics, Analytical Chemistry, Object – Orientated Programming, Engineering Design (AutoCAD, Solidworks), Instrumentation and Process Control Theory, Chemical Engineering Concepts, PLC Programming, Human Resources Management, Industrial Organic Chemistry, Engineering Economics, Management Principles, Differential Mathematics
- Currently in Year 2 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 (McMaster), Chemical Engineering Technology Advanced Diploma (Mohawk), and Business Management Certificate (Mohawk).
- 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 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
- Replay-able 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

Personal Website (roccolee18.github.io)
- Designed a responsive website using HTML5, CSS3 and JavaScript
- Published the website on GitHub Pages
- Implemented various popular website building libraries from GitHub
- Hosted on GitHub pages with a dedicated repository and git management

COMMUNITY INVOLVEMENT / EXPERIENCES

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 – Jan. 2018
- 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

Front-End Developer   Oct. 2020 - Present
MyPalate, Markham, Ontario
- Implement front-end solutions for the main landing page using common JavaScript frameworks (React.js)
- Coordinated with multiple departments to pool ideas together
- Attended weekly development and general team "sprints" to provide progress updates on weekly assigned tasks
- Participate in various discussions regarding other aspects of MyPalate (design, marketing, public outreach, etc.)
- Communicated with my supervisor for advice on specific tasks and taking initiative to actively seek out other tasks to complete
- Demonstrated willingness to learn new skills in an unfamiliar online workplace and actively contribute to group discussions and provide feedback on other team member's ideas
- Adapted to a new working environment and formed new relationships in a dynamic workspace by actively integrating myself to the workflow accustomed to my colleagues

AWARDS
- Markham District Energy 2018 Bursary Award
- High School Honour Roll
- B.Tech Entrance Award
- Level 2 Honours Award