

Lukas Rose

1 Leggott Ave Unit 26 | Barrie, L4M 0K7 | 416-435-0973 | lukayork@my.yorku.ca

Dear Recruitment Department,

As a programming enthusiast and 2nd year engineering student, I am always seeking new opportunities that will grow my experience and skill set in the field. As of right now, I bring in well amounts of diverse work and extracurricular experiences that have taught me important skills relevant in a software developing environment. This, also along with the proficiencies gathered from my time so far at university are required to making a positive impact at a software development firm.

Through my various extracurricular enrollments, I have developed valuable interpersonal skills such as proactive team working, communications, and strong problem-solving skills. My most recent extracurricular involvements include hackathons where I have had the possibility in roles as both a competitor and mentor, where I programmed a recursive algorithm, that uses values from a JSON file, that finds the most optimized route for a vehicle to its destination, taking into consideration fuel, obstacles, and goal location. I also possess strong hardware assembly skills and safety-centred skills from my experience as a machine operator at a rebar factory and steel roof installer.

As my attached resume indicates, I have skills and experience in optimized data structures, object-oriented programming, web development, engineering project development, and strong computer skills which are all essential in the intern/co-op software developer role. I am eager to discuss the possibility of joining your team. I'd be delighted to provide greater detail about my skills and experience during an interview or even just an email. Thank you for your time.

Best regards,
Lukas Rose

Lukas Rose

1 Leggott Ave, Barrie ON, L4M 0K7 | (416) 435 0973 | lukayork@my.yorku.ca

Education

Honors, Bachelor of Engineering, Software Engineering

Expected April 2023

Lassonde School of Engineering, York University (2nd year)

Work Experience

Steel Roof Technician, *All Steel Roofing Systems*

March 2018 – October 2019

- ♦ Working together with team to custom install steel roofs using various tools and safety equipment, such as hard-hat, gloves, safety harness, etc.
- ♦ Assign tasks to co-workers to ensure efficiency and safety at the workplace

Machine Operator, *Mansteel Rebar Ltd.*

July 2017 – March 2018

- ♦ Using a variety of high-grade machines and tools to complete tasks safely and efficiently in part of completing clients' specific orders in time and a product of high quality
- ♦ Responsibility of keeping workplace safe for myself and co-workers, using safety equipment

Customer Service Associate, *Nando's Chicken*

2016 – 2017

- ♦ Team working with co-workers resolve problems efficiently and provide high-quality experience
- ♦ Received the "Employee of the Month" Award for months December and January for my showing of team-working skills during the busy months of the year

Cashier, *A&W Restaurants*

2014 – 2016

Relative Experience

Lassonde Engineering Games 2020

January 2020

- ♦ 1st place in the Build Challenge while also getting top 5 overall out of 30 teams.
- ♦ Programmed optimized recursive algorithm to find best possible route to goal taking into consideration obstacles, fuel level of vehicle, fuel stations, and location of goal destination (extracted from JSON file)

BEST Elle Hacks Volunteer

Winter 2020

- ♦ Volunteered as a mentor and leader for this all-female hackathon by leading groups with instructions as well as mentoring various teams and helping with their programming challenge when help was required

Data Structures

Winter 2020

- ♦ Good understanding of data structures and efficient implementations of algorithms
- ♦ Topics covered include abstract data types, lists, queues, stacks, trees, and graphs

Advanced Object-Oriented Programming

Fall 2019

- ♦ Strong understanding of API, recursion, sorting, stacks, queues, trees, linked lists in Java language

Proficiencies

- ♦ Java, C, HTML, CSS, JavaScript, Verilog, R, Linux Commands, Bash, RISC-V, MATLAB, AutoCAD
- ♦ Microsoft Office PowerPoint, Excel, Word, Access, Publisher, Lync
- ♦ Fluent speaking, writing, and reading skills in English and German