Lukas Rose

☎ (416) 435-0973 | ✉ lukasxrose@gmail.com | 🔗 lukasrose | ⌂ rose-lukas | lukasrose.ca

EDUCATION

York University   Toronto, ON
Honours Bachelor of Engineering, Software   *Sep. 2018 - Dec. 2022*
- **Relevant Courses:** Data Structures(Java), Network Security and Forensics, E-Commerce(Node.js, Angular), Digital Systems(SystemVerilog)

EXPERIENCE

Student Technician   Apr. 2021 – Sept. 2021
Bell   *Ontario, Canada*
- Completed over 100 properties during my 4 month work period.
- Serviced houses, businesses, and water-access cottages within the Simcoe and Muskoka Region.
- Applied keen problem solving skills on Fiber and Wireless Internet Networks.

Roof Technician   Mar. 2018 - Oct. 2018
All Steel Roofing Canada   *Barrie, Ontario*
Machine Operator   Jul. 2017 - Mar. 2018
Mansteel Rebar Ltd.   *Richmond Hill, Ontario*

PROJECTS

E-Commerce Application | *JavaScript (Node.js, Angular)*   ⌂ Link to Project
- Developed a e-commerce application called 'MotorModels'
- Users are able to browse, add-to-cart, view info, enter shipping info, view cart, checkout, and more.

Educational Platform | *Git, MySQL, JavaScript (Node.js, npm)*   ⌂ Link to Project
- A Udemy/Coursera clone application that also utilizes artificial intelligence
- Leveraged GitHub to effectively work with 7 other teammates
- Capstone project for bachelor of engineering degree

Interactive Portfolio | *Figma, HTML/CSS, JavaScript*   ⌂ Link to Project
- Built a interactive page to present my portfolio
- Effectively utilized Figma to design the web page before implementing
- Leveraged GitHub and GoogleSites to host the website

Web Map Application | *HTML/SCSS, JavaScript, Webpack, npm*   ⌂ Link to Project
- Vanilla JavaScript application that interacts with the Leaflet library and display Map
- Lets users manage their workouts by location near the user
- This is a practice project from Jonas Schmedtmann's JavaScript course

ACHIEVEMENTS

Engineering Competition Winner   York University
Excelled in a team of four in 3 Mars-themed Challenges   *2020*
- Programming: Utilized Java JSON file format to design an algorithm finding the best route to the destination (Mars), keeping in mind fuel level, asteroids, and fuel stations. (Placement: 2nd)
- Building: Using Arduino, designed a cost effective solution to marking magnetic fields. (Placement: 1st)
- Innovative Design: Research, design, and present the best solution for a Mars living structure. (Placement: 3rd)

York University Entrance Scholarship   York University
Scholarship recipient awarded to students with academic excellence   *2018*

TECHNICAL SKILLS

Languages: Java, JavaScript, HTML/CSS, C, SQL, Verilog, Bash
Frameworks: Node.js, Angular, React, JUnit, Sass
Developer Tools: JSON, XML, npm
Applications: Kali Linux, Windows, Figma, Git, MongoDB, Quartus