

410 Summerchase Drive
Oakville, ON, L6H 5T6
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<https://www.linkedin.com/in/lvr-dev/>

Luke Van Rooyen

QUALIFICATIONS

- Previously worked as a service desk analyst to provide tech support
- Familiar with Kotlin, Java, Swift, C, C++, C#, Python, HTML5, CSS, JavaScript, SQL, GMS2
- Ability to self-teach and quickly learn new skills
- Over three years of experience of mobile development projects

ACADEMICS

Sheridan College, Oakville – *Bachelor of Computer Science*

September 2019 – September 2021 (current student, graduating 2023)

Computer Programming, Networking, Security, Software Design

University of Toronto, Mississauga – *Computer Science*

September 2018 – June 2019 (transfer)

Mathematical Proof, Calculus, Linear Algebra, Computer Programming, History

RELEVANT EDUCATION

Mobile Application Principles (PROG 20082)

A programming course that teaches mobile application functionalities

- Learned about storage and retrieval of data saved locally
- Used threading and networking processes

Mobile Web App Development (PROG 20261)

A programming course that is based around hybrid and web applications

- Used client-side and server-side technologies to make use of a given mobile device
- Developed mobile friendly websites that employed device detection

Software Design (SYST 30049)

A systems course that revolves around human computer interaction

- Used application architecture and modeling software to plan projects
- Recognized solutions to UI problems using proven industry patterns

Data Structures and Algorithms (PROG 23672)

A programming course that focuses on solving problems with various algorithms

- Familiar with various data structures (stacks, hashes, etc.) and algorithms (sorting, fundamental techniques, etc.)
- Analyzed multiple problems and algorithms in order to implement effective and optimized solutions

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3D Graphics and Gamification (PROG 49635)

A programming course is centered around game development with a focus on OpenGL

- Developed an assortment of programs in C++ using OpenGL with a focus pushed on the manipulation of 3D objects to change how they appear on a 2D screen
- Created a 3D Voxel based game over the course of 6 weeks, ending the course with experience in creating a 3D game

EXPERIENCE

Optimum Tech Solutions Inc, Mississauga

Summer 2021 - Service Desk Analyst

- Provided tech support for Bayshore Healthcare
- Imaged, setup and installed security patches for multiple laptops
- Maintained schedules and setup appointments

Town of Oakville's Parks and Open Spaces, Oakville

Summer 2019 and Summer 2020 - General Laborer

- Learned to operate various small engine machinery
- Worked effectively in a small team to get tasks completed effectively
- Coordinated with other groups to perform bigger operations

Fortino's, Oakville

2015 to 2019 - Service Clerk

- Provided customer service to help customers find what they need
- Maintained and organized the store property
- Helped redistribute and organize products for display

AWARDS

Ted Rogers Scholarship, June 2018

Entrance Scholarship - Sheridan College - September 2019

Extracurricular

1st Place at MLH Hackathon 2018

3D Printer Volunteer for Grade 9 Applied Math Class

Computer Programming Volunteer Teacher at Montclair Public School

Installed and maintained computers for Robotics Lab at WOSS

Implemented Water Polo Tournament Website using Google Sites and Google Sheets