

George Girgis

+613-879-3311

✉ georgegirgis@cmail.carleton.ca

in [george-girgis](#)

🌐 [george-girgis](#)

Education

Carleton University

Bachelor of Computer Science: Computer and Internet Security Stream

Concentration: Co-op program

2019 – 2024

Ottawa, ON

Availability: 4-8 months

Current Overall CGPA: 10.75/12

Current Major CGPA: 10.54/12

Highlight of Qualifications

- › Technical languages: C++, C, Python Java and JavaScript
- › Programming paradigm: OOP (Polymorphism, Inheritance, and Encapsulation)
- › Data Engineering & Cloud: AZURE, ARO/OCP (PaaS/On-Prem), S2I, PostgreSQL, Knative
- › Framework & Libraries: Flask, Qt, Quarkus, Angular, Node.js, Apache Kafka, Bootstrap
- › Analytics & Project Mgmt: Maven, JFrog, Git, Agile/Retro/Scrum (Microsoft Teams, Jira, Confluence), Excel
- › Computer Security & Open Src Tools: Intrusion Detection System, Virus Vault/Threat Intelligence Lab, Snort

Work Experience

Malware Research Assistant (full time) at Nokia, Ottawa ON

Present

- > Analyzed different types of current virus threats, using proprietary Nokia tools such as Intrusion Detection System (IDS) Signature Management and Virus Vault/Threat Intelligence Lab
- > Tweaked and cleaned up assigned signature virus using IDS then uploaded it via Virus Vault/Threat Intelligence Lab

IT Programmer Analyst (full time) at CRA, Ottawa ON

Sep 2021 - Apr 2022

- > Cleaned up the backend microservices code on 6 files
- > Documented ePayroll Simulation Environment to explain the user's interface experience of the Azure Red Hat OpenShift (ARO) and OpenShift Container Platform (OCP) environments
- > Designed and uploaded the front-end of the Event Driven Architecture (EDA) ePayroll PoC Project then uploaded it to Gitea
- > Created a Virtual Machine (VM) on AZURE ePayroll using Command Line Interface (CLI)
- > Used serverless to redeploy all knative services in the ARO cluster to compare it to regular microservices deployment

Sales Associate (part time) at RW & Co, Ottawa, ON

Jan 2020 - Aug 2021

- > Maintained inventory room with great efficiency
- > Greeted customers, offered assistance and informed them about latest store promotions
- > Helped customers by actively engaging in discussions about their needs and products that fit them

Compulite Inc (Co-op program), Ottawa, ON

Feb - Jul 2019

- > Managed to set up clients' computers and workstations off site with great efficiency
- > Organized and managed inventory stocks
- > Installed windows 10 as well as any missing software programs on clients' computers

Intern at Nokia (Future Tech Program), Ottawa, ON

Jul - Aug 2018

- > Devised and documented 15 different platform sizing models to greatly simplify the created customer proposals
- > Upgraded complex Big Data and Analytic product meeting deadlines
- > Researched various technologies to meet currently unsatisfied market demands

Digitera Marketing (Co-op program), Ottawa, ON

Feb - Jun 2018

- > Created basic apps like calculator and food menus using Android Studio
- > Revamped the old version of the night club disco app using Android Studio
- > Added photo-shopped background color designs to the night club disco app

Projects

Oasis Pro Simulator

Apr 2022

- > Led a team to create a portable, easy-to-understand GUI built Oasis Pro Device Digital Simulator using QT with C++

SQLite Grades Web Interface Database

Apr 2022

- > Created a database to store students' grades, used Python Flask to implement CRUD (Create, Update, Remove, Delete) operations on the web-interface and sessions to keep track of logged in/registered accounts

Website Development & Design

Jan 2022

- > Created and designed a website using HyperText Markup Language (HTML), JavaScript (JS), Bootstrap and Cascade Style Sheets (CSS). Additionally, used Adobe Photo-shop to add animated images on the website

AutoPark Inventory

Jul 2020

- > Completed an auto park assignment in Java using Object-Oriented Programming

Minesweeper game

Mar 2020

- > Programmed a minesweeper text-based version game using Python. Implemented tools such as functions, nested and regular for loops, print statements, conditional statements, and recursion