

SAMUEL ON

Samuelon3@outlook.com | 416-270-9058 | [linkedin.com/in/samuel-on](https://www.linkedin.com/in/samuel-on)

Education

York University, Lassonde Engineering

Dec 2021

Bachelor of Software Engineering Honors *Sp. Computer Security*

• **Courses:** OOP in Java, Algorithms, Operating Systems, Data Structures, Computer Security

Skills

Languages: JavaScript, Python, Java

Technologies: React.js, MySQL, NodeJS, AWS, Kubernetes, Git, Docker, AWS CCP

Professional Experience

Bank of Montreal

Toronto, ON

Application Developer – B2B Integration Team

Jul 2022 – Dec 2023

- Built a banking application with 9 use cases implemented w/ React Native, and DynamoDB
- Successfully prepared and executed production-level deployments for outdated API dependencies
- Refactored a B2B React application using MUI, successfully implementing new features
- Designed and implemented a Python script to automate the checking and updating of outdated software dependencies across multiple APIs
- Spearheaded a POC in evaluating AWS DevOps Guru integration for performance and monitoring with use cases, documentation, and subsequently transferring it to another team.

VerticalScope Inc.

Toronto, ON

Full-Stack Engineer Intern – Commerce Delivery Team

Jan 2022 – Apr 2022

- Built an automated clean up dev-environment script using Docker, Spinnaker, Jenkins & Kubernetes
- Improved deployment process of multiple sites with Docker and GitHub Actions
- Containerized sites with their dependencies, authentications through Ansible GCloud and Docker
- Resolved SQL, Plugin, and frontend bugs tickets

Kapsch TrafficCom

Mississauga, ON

System Engineering Intern – Sub-System Design Team

Jan 2019 – Aug 2019

- Built an automation script to analyze and structure data and reducing manual efforts by over 70%
- Oversaw and managed data reviewers to track their progress and complete their reports
- Provided support to interdisciplinary engineering teams within the organization in the design, development, and testing of open road tolling systems

York Federation of Students

Toronto, ON

IT Coordinator

Nov 2016 – Apr 2021

- Set-up and maintained the Square Space Website, domains, emails, DropBox, and printing centres
- Set-up secure practices with G Suite Admin and policies to manage emails and data

Interests

Table Tennis • Snowboarding • Bowling • Fitness • Animals • Sales • Exploration • Sports