

Amsal Ali

647-904-8449 | amsal.ali77@gmail.com | [linkedin.com/in/amsalali](https://www.linkedin.com/in/amsalali)

EDUCATION

York University

Bachelor of Science in Computer Science

Toronto, ON

Sep. 2020 – Present

Key Courses: Object-Oriented Programming, Data Structures, Database Management Systems, Advanced Algorithms, Software Design, Cyber-Security, Computer Organization

EXPERIENCE

Hydro One

IT Systems Analyst

Aug 2022 – Sept 2023

Toronto, ON

- Developed, monitored, and validated performance of scripts in VBA using MS Excel developer tools to automate the creation of excel files related to Quarterly Access Audit, resulted in time efficiency
- Developed and optimized new and existing data pipelines to fetch raw data from ticketing system to create Weekly and Monthly KPI Reports using Excel. Additionally, conducted the Quarterly Access Audit within the company, allowing for better data organization and time efficiency
- Performed ticket creation, recorded significant events, problems encountered, and their resolution in logs through BMC Remedy 9.1
- Planned and performed level one support and acted as first point of contact for customers seeking technical assistance

411.Ca (CO-OP position)

Web Developer

Mar. 2019 – Jun 19

Toronto, ON

- Part of the Digital Operations and Reporting Team
- Work with senior developer to manage large, complex design projects for corporate clients
- Review and make necessary contents edit to websites
- Carry out quality assurance tests to discover errors and optimize usability
- Develop, and tabulate statistical data for generating various management reports

PROJECTS

YorkU Hackathon | *Java, JavaScript, HTML, CSS*

- Developed a fully functional website application which allows users to enter their reviews for courses that they have taken in York University
- Developed the back end of the website using CockroachDB to store reviews into a database and used Node.js to fetch the reviews entered by students from the database to display on the website

Mobile Bank Application | *Java, Android Studios, JUnit Testing*

- Developed a banking application that helps users keep track of what their expenses and transactions are
- Applied appropriate and useful core OOP principles and data structures to improve the run-time of expenses and transactions of the user

TECHNICAL SKILLS

Languages: Java, Python, C, HTML, JavaScript, Verilog, SQL

Frameworks: JUnit testing, Node.js

Developer Tools: Eclipse, Visual Studio Code, PyCharm, Andriod Studio

Applications: BMC Remedy, Microsoft Dynamics 365, Network Node Manager, Operations Bridge Manager, Salesforce, ServiceNow