

WORK EXPERIENCE

System Programmer

TD Bank

June 2021 – Present Remote

- Maintained IMS database and transaction manager using **System Modification Program/Extended (SMP/E)** to support the environment for Host-Operations and Application Developers
- Migrated legacy **Excel (VB.NET)** statistical dashboard to **Jupyter Notebook** using **Python (Pandas)** reducing processing-time from over **20 minutes** to **3 seconds**
- Integrated **Splunk Automated Alerting** system with **z/OS MVS System Log** to monitor critical system errors and security threats in real-time
- Modernized project management system and documentation by creating a team **JIRA** and **Confluence** wiki as group administrator

System Support Analyst

Canadian Solar

Dec. 2020 – June 2021 Remote

- Developed **Excel (VB.NET)** applications to support Portfolio Analysts drafting financial projections for newly proposed solar energy power stations in South America
- Configured **Power Automate** workflow to create support tickets and archive emails when triggered using **Power Apps** form logic
- Worked across teams maintaining assembly line servers on production floor during peak operational hours while supervised by Senior Manufacturing Engineer

Business System Analyst Intern

TD Bank

May 2020 – Aug. 2020 Remote

- Automated 6 hours of manual reporting using **Alteryx** workflows to produce financial forecasts for Project Analysts across teams
- Created **Tableau** dashboard analytics for month-end financial and spending reports
- Identified queue of manual reports available for automation that would save over 1,000 monthly hours

Information Security Analyst Intern

TD Bank

Sept. 2019 – Dec. 2019 Toronto, Ontario

- Developed **SharePoint** portal to create a PCI intake workflow tool and evidence repository
- Attended consultation meetings for projects that provided PCI security reviews across TD Bank
- Deployed **Tableau** dashboard analytics for the Payment Card Security Team's Sharepoint portal

EDUCATION

Bachelor of Technology Software Engineering

McMaster University

May 2021 – May 2023

Enrolled in part-time evening courses

Courses: software architecture, network security, and artificial intelligence

Advanced Diploma (Co-op) Computer Programming & Analysis

Fanshawe College

2017 – 2020

Awards: Dean's Honour Roll (2017 - 2020)

CERTIFICATIONS

Azure Fundamentals

Microsoft Corporation

February 2023

Cloud computing concepts, models, services

Excel Associate

Microsoft Corporation

February 2023

Exam MO-200: Microsoft Excel (Office 2019)

SKILLS

Languages

Java C# Python COBOL SQL
JCL C++

Operating Systems

Windows Linux z/OS UNIX

Databases

IMS-DB DB2 SQL Server MySQL

Tools

VS Code Git JIRA Splunk