

▶ EDUCATION

University of Waterloo
Bachelor of Mathematics (Computer Science) 2020

▶ SKILLS

LANGUAGES: Python, HTML, CSS, C, SQL, R, Scheme, Javascript, XML, Java, VBA
TOOLS/Frameworks/LIBRARIES: Spark, Hadoop, Pandas, BeautifulSoup, Scikit-learn, Scipy, jQuery, Bootstrap, Jupyter Notebooks, Visual Studio, Appian
ANALYTICAL TOOLS: Datameer, DataIKU, Norkom, Netezza, Workfusion, Spotfire, SAS

▶ EXPERIENCE

BANK OF MONTREAL (BMO)

Developer Analyst

Toronto, ONT
May 2019 to Aug. 2019

- Worked closely with Anti-Money Laundering (AML) in the Technology and Data Analytics team
- Integrated Machine Learning models to validate suspicious transaction reports (STR)
- Developed a real-time Python app that retrieves inputs from STRs, sends it to Finance for verification, and extracts their response
- Developed VBA macros and data tools/queries that used automation to enhance efficiencies for data mining, and different workflows
- Completed two data analysis projects; Mined and analyzed the data from scratch and presented my findings which outlined patterns, predicate offenses, and other key statistics

TELUS

Application Developer

Vancouver, BC
May 2017 to Aug. 2017

- Developed business processes; using Business Process Management (BPM) tools such as: Appian
- Developed an Appian Front Door application; a service management solution for handling inbound request management processes
- Developed a Sharepoint site for the team which served as a centralized platform consisting of consolidated information for use
- Worked closely with customers to identify potential enhancements, bug fixes, and implement test features for the workflows

O2E BRANDS

Data Architect

Vancouver, BC
June 2016 to Aug. 2016

- Monitored years of business growth data, to transform from the previous cloud-based software Vonigo, to Salesforce
- Assisted others in using the cloud computing software: Salesforce, while ensuring the data migration project went smoothly

VANCITY CREDIT UNION

Data Specialist

Vancouver, BC
Aug. 2016 to Sept. 2016

- Worked with the software team for testing and quality assurance, for revamping the core banking software platform
- Observed large amounts of data, and assisted in migrating the data to the Temenos T24 core banking software platform

▶ PROJECTS

MIDFIELDPREDICTOR - {PYTHON, PANDAS, SCIKIT-LEARN, SCIPY}

- Analysed footballer career statistics from the English Premier League to predict the most effective midfielders
- Targeted towards Fantasy Premier League players to choose the best point-producing midfielders for their team to succeed
- Cleansed the big data, used regression models, and validation techniques

NYFORECAST - {PYTHON, BEAUTIFULSOUP, PANDAS}

- Developed a weather tool that encapsulates the short term detailed forecast of New York
- Used BeautifulSoup and Panda libraries to parse the data I web-scraped, to transform it into a high performing data structure

PYMAN - {PYTHON}

- A variation of the popular game Hangman, comprising of only animal words; developed in Python

▶ AWARDS

BrainStation · **BRAINSTATION - DATA SCIENCE COURSE CERTIFICATION**

Aug. 2018

University of Waterloo · **PRESIDENT'S SCHOLARSHIP OF DISTINCTION**

Sept. 2015

Accepted with a high-school average over 90%

▶ ACTIVITIES

ACTIVITIES & INTERESTS AT UWATERLOO

Sept. 2015 to Apr. 2020

Computer Science Club Member, Data Science Club, AppDev Club, Varsity Waterloo Cricket team, Competitive Soccer/Futsal Intramurals