

Resume

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Date: March 11, 2024

Experiences:

Data Scientist

ISED Canada, Ottawa

01/2024 - Present

- Worked extensively with Power BI and Python for data cleaning.
- Implemented libraries such as pandas and Torch to organize and model data.
- **Technologies:** Python, Excel, Power BI, SQL

Full Stack Developer

Bank of Canada, Ottawa

01/2023 - 01/2024

- Developed and deployed a bank notes file generator utilizing Fast API.
- Engineered Python scripts to systematically refine SQL files by T-SQL standards, improving organization and readability.
- Collaborated with testers in debugging and optimizing web applications.
- **Technologies:** HTML, JavaScript, CSS, Python, XML

DevOps Engineer

Johnson Controls, Toronto

05/2022 - 08/2023

- Utilized TestNG package and wrote XML scripts for testing automation software.
- Containerized security panel builds in Docker for high versatility and efficiency.
- Leveraged Jenkins automation for building, testing, and deploying applications on AWS.
- **Technologies:** Python, Java, Docker, Linux, Jenkins

Teaching Assistant

University of Toronto, Toronto

09/2021 - 12/2021

- Coordinated labs for first-year computer science course (CSC108).
- Taught basics such as loops, run-time, debugging, and object-oriented programming.
- Touched on concepts such as pattern analysis and data structures.
- **Skills:** Communication, Organization, Collaboration, Python

Skills:

Languages

Python, Java, Groovy, JavaScript, HTML, R, SQL, XML

Libraries

React, Pandas, NumPy, PyTorch, RShiny, Tidyverse, FastAPI

Technologies

Docker, Git, SQL, Linux, Jenkins, AWS

Projects:

Restaurant RNN

private repo

- Developed data augmentation methods for parsing and filtering raw data to improve RNN performance.
- Implemented a RNN model using the Tensor and Torch library to predict restaurant ratings based on words used in customer reviews.
- Analyzed RNN model performance by implementing a script for computing accuracy, precision, and F1 scores.

Texas Vaccine Tracker

private repo

- Leveraged Google Maps API to transform pharmacy addresses into latitude and longitude coordinates.
- Aggregated and visualized the data detailing pharmacy locations' vaccine dosage allotments.
- Utilized R packages such as Tidyverse, Leaflet, and Shiny.

Education:

University of Toronto

Grad: 08/2024

Honours Bachelors of Science

Focuses: Computer Science, Statistics, GIS

Interests & Activities

- Quantitative Sports Trading, Poker Theory
- Basketball, Personal Fitness