

Jayden Dayno

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EDUCATION AND HONORS

Ryerson University

Expected May, 2023

Bachelor of Science (Honours) in Financial Math, Minor in Information Technology Management

- Cumulative GPA: **3.8/4.0**, Dean's List
- **Mathematics Faculty Award** (\$1000 awarded for highest CGPA within Department of Mathematics) 2019
- Relevant Coursework: Big Data Analytics, Probability & Statistics, Business Information Systems

EXPERIENCE

Ontario Ministry of Transportation

St. Catharines, ON

Junior Data Science Developer

Jan. 2021 – Aug. 2021

- Provided support in the maintenance and enhancement of a complex data model with over **+20** years of data, used in a large business application for self-serve analytics solutions for **200,000** businesses
- Presented the research and results of development tools (example: MLflow through Azure Databricks), formulating a presenting to a team of **40 senior data scientists and developers**
- Utilized Python to create Selenium scripts for automation testing on a web-based application in production, increasing productivity by **20%** through faster retrieval of front-end data

SKILLS

Programming Languages: Python (NumPy, Pandas, Matplotlib, Seaborn, Selenium) | R (Regression & Statistical Analysis) | MATLAB (Time Series, Optimization methods)

Machine Learning & Big Data: Scikit-Learn (Naive Bayes, Decision Tree Classification, Logistic/Linear/Random Forest Regression, SVM, KNN) | Spark | MongoDB | SAS

Tools: Excel (VLOOKUP, Pivot, Formulas) | Databricks (Spark SQL, MLflow implementation) | Power BI (DAX expressions, Visualizations)

PROFESSIONAL DEVELOPMENT

Python Basics for Data Science

June 2020

IBM | edX, Inc. (online learning platform)

- Developed understanding of Python programming fundamentals and data structures. Targeted popular libraries such as Pandas and NumPy, essential for data analysis

SQL for Data Science

June 2020

IBM | edX, Inc. (online learning platform)

- Discovered how to access databases programmatically with Python using Jupyter Notebooks. Worked with advanced SQL queries to group and sort query results

Analyzing and Visualizing Data with Excel

May 2020

Microsoft | edX, Inc. (online learning platform)

- Performed data analysis using pivot tables and pivot charts, explored the Excel data model and DAX expressions, utilizing a SQL database and Power BI for visualization

High-Dimensional Data Analysis

May 2020

Harvard University | edX, Inc. (online learning platform)

- Earned knowledge in mathematical distancing, dimension reduction, singular value decomposition, while exploring machine learning concepts such as clustering