

Languages & Aptitudes: Python(Numpy, Pandas, Seaborn, Matplotlib), Jupyter, PostGreSQL, JAVA, Scala, Hadoop/MapReduce, PySpark (MLlib), Matlab, Github

Technical Skills: **Regression** (Linear, Logistics, Polynomial, SVR, Random Forest), **Classification** (K-NN, SVM, Random Forest, Naive Bayes), **Clustering** (K-Means), **Deep learning** (ANN, RNN), Data Cleaning & Interpretation, PCA & Dimensionality reduction

PROFESSIONAL EXPERIENCE:

Shared Service Canada, FSWEF student

2020 – Present

- Responding to service requests from partners and clients
- Support technician
- Issuing service orders to the vendors and maintaining the related Corporate Inventory Management systems
- Monitoring the vendors implementation of the service orders and keeping the clients updated on the progress

MAIN PROJECTS:

Bitcoin | [ML-Project-2-Bitcoin](#)

- UNFINISHED. rNN was used and finished with extremely poor performance (expected). Knowledge limit on ARIMA reached, will continue when obtaining more knowledge. ARIMA (Auto Regressive Integrated Moving Average) model has yet to be attempted.

Titanic from Disaster | [ML-Project-1-Titanic-from-Disaster](#)

- Random Foresting produced the best predictive results of 82.1% accuracy. Dataset was obtained from Kaggle, multiple predictive classification models were used; Logistic Regression, KNN, Decision Tree, Random Foresting, and SVM.
- Scaled and unscaled datasets were both used to build different ML algorithms.

EDUCATION:

University of Ottawa,

2014 – 2018

Honours BSc of Science in Biochemistry

Relevant Courses: Introduction to Linear Algebra, Calculus for the Life Sciences I & II, Introduction to Biostatistics, Analytical Biochemistry, Analytical Chemistry, Principles of Physics I & II, Principal of Instrumental Analysis

University of Ottawa,

Honours BSc in Computer Science

2018 – 2020

Relevant courses: Calculus I & II, Probability and Statistics for Engineers, Introduction to Computing I & II, Discrete Mathematics for Computing, Data Structure and Algorithms, Databases 1