

Wasim Boughattas

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WORK EXPERIENCE

Deloitte Canada

Jan. 2021 – Apr. 2021

Omnia AI: Data Engineer - Co-op/Intern

Montreal, QC

- Project 1: Big Data Analytics
 - Create a generalized solution to Big Data case requests by generalizing an existing Python code from a previous specific case. Work on Ubuntu Server and employ Apache tools (Hadoop, Spark, hive) via SSH
- Project 2: BI Reporting and Analytics
 - Work with business managers to understand business objectives and develop automated reporting solutions using DAX, and M in Power BI
- Project 3: Data Manipulation and UX-Backend Development
 - Create automated python processes that enable data manipulation using Pandas and display the console application into an end-user-friendly GUI application using the Goey library

EDUCATION

Concordia University

2019 - Expected 2022

BSc, Specialization in Actuarial Mathematics (co-op)

Montreal, QC

- Member of the Golden Key Society
- Irshad Family Scholarship (Entrance Bursary in Actuarial Mathematics)
- Dean's Roll for 3.75+ GPA (2020)

Concordia University

2019 - Expected 2022

Minor, Computer Science (co-op)

Montreal, QC

PROJECTS

- [AI Deloitte Hackathon](#)
 - Back-end: Commodity price ML forecast & Docker deployment
 - Front-end: Ready-to-host Docker container with Full-Stack web development component
- [COVID-19 SQL Vaccination System](#)
 - Back-end: MYSQL database management
 - Front-end: PHP component to visualize databases and handle user input
- [6502 Assembly Project](#)
 - Basic calculator that handles arithmetic operations on 4-digits values (operates on Commodore 64 emulator)
- Machine Learning Project (in-progress)
 - Currently covered topics:
 - Linear Regression, Clustering, Support Vector Machines, Random Forests, Boosting, Hyperparameter Search
 - Neural Networks, Convolutional Networks, Dimensionality Reduction, Gaussian Processes

SKILLS & INTERESTS

- OS: Linux (Ubuntu Server)
- Statistical Analysis: R, Python
- Data Analytics: Hadoop, Spark, Python, SQL (MySQL, HiveQL)
- Machine Learning: Scikit-learn, PyTorch
- Data Visualization: Matplotlib, Power BI (DAX, M)
- Software Development: Java
- Web Development: PHP, HTML, CSS, JS
- Mathematics & Statistics:
 - Annuities, amortization, sinking funds, securities
 - Applied linear regression models
 - Simulated models, Monte Carlo techniques
 - Time series, time forecasting, ARMA processes
- Languages: English, French
- Interests: Bodybuilding, Soccer
- [LinkedIn](#)