Ahmed Sadiq

DATA SCIENTIST

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EXPERIENCE

Pipeline Integrity Co-op Student | TC Energy

MAY 2018 – AUG 2019, CALGARY, AB

- Worked in USGO Threat Management team in pipeline integrity to ensure safe operation of pipeline assets at peak reliability and safety
- Developed threat mitigation programs based on threat assessment procedures and statistical risk assessment models
- Developed pipeline integrity visualizations in Power BI to ensure smooth transfer of information between teams in Pipe Integrity
- Collaborated with vendors and fixed errors in reporting of UT Array corrosion data
- Utilized VBA and SQL programming languages to increase efficiency of data intake, data analysis and technical report writing

EDUCATION

BrainStation | Diploma Candidate, Data Science

APR 2020 – JUN 2019, VANCOUVER, BC

University of British Columbia | Bachelors of Applied Science,

JAN 2014 – DEC 2019, VANCOUVER, BC

UBC Chancellor Scholar

PROJECTS

Landscape Image Classification w/ CNNs

APR 2020 – JUN 2020, BrainStation

Performed EDA of landscape images and fed image data into CNN model. Achieved a 92% classification accuracy.

SKILLS

Machine Learning

C, Python, Pandas & NumPy, VBA, SQL

Big Data: Hadoop, Spark, AWS, Hive

Neural Networks: Keras, Tensorflow, Pytorch

Matplotlib, plotly, Bokeh, Seaborn

MySQLWorkbench, Tableau, PowerBI

PROFILE

I am an aspiring data scientist who found passion in data analysis during my internship at TC Energy. I have taken a bootcamp in data science at BrainStation to establish a foundation, I hope to secure a position as a DBA or data scientist in the future to continue to grow my knowledge in this field.