

Samantha Berg

DATA SCIENTIST

EXPERIENCES

Junior Mechanical Engineer | SNC- Lavalin

MAY – AUG 2019, SARNIA, ON

- Designed and implemented a multi-continental piping stress procedure to streamline processes, improve quality and provide more effective communication through consultation with mechanical and piping departments
- Designed pipe coffins and trunnions utilizing industry standards and codes to ensure a safe and effective design
- Acted as a junior project manager on various oil and gas projects

Logistics Director | Queen's Engineering Competition

SEPT 2018 – MAR 2020, KINGSTON, ON

- Led a team of individuals to organize all aspects of the competition such as scheduling, transportation, materials, venue and food
- Researched and negotiated to obtain top notch facilities while remaining under budget
- Promoted from one of three logistics coordinators (3rd year) to sole logistics director (4th year)

EDUCATION

BrainStation | Diploma, Data Science

SEPT- DEC 2020, TORONTO, ON

Queen's University | Bachelors of Applied Science in Mechanical Engineering

SEPT 2016 – MAY 2020, KINGSTON, ON

First Class Honours, Dean's Scholar 2018, 2019 & 2020

PROJECTS

Vaccine Predictor | Creator

SEPT – DEC 2020

A machine learning model utilizing neural networks to predict whether a person will receive a vaccine

Walmart Global Technology Hackathon | Data Scientist

DEC 2020

Collaborated with a team of UX designers, web developers, and digital marketing experts to develop an Eco-Rewards program for Walmart, winning second place

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ha-berg-360/)

<https://github.com/samanthaberg>

SKILLS

Databases: SQL

Programming: Python, MATLAB

Data Visualization: Tableau,
Matplotlib, Seaborn

Neural Networks: TensorFlow, Keras

Big Data: AWS, Hadoop, Spark, Hive

PROFILE

The power of harnessing data and the opportunities it can unlock have inspired me to make the transition from engineering to the world of data science. I have been able to build on my strong problem solving and analytical skills to come up with innovative solutions to real world problems