

Mariam Elsayed

DATA SCIENTIST

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PROFILE

I am naturally curious and hardworking, pushing me to provide meaningful insights through a detail-oriented data analysis process.

My background studying physics compliments a deeper understanding of the technical and mathematical skills encountered in data science, while my previous work experience showcases my strong organisational and communication skills.

I am eager to tackle challenges faced in the industry and be a contributing member of the team!

SKILLS

Databases: SQL
Programming: Python, R
Statistics: Hypothesis Testing, A/B tests, Parametric and non-Parametric tests
Data Visualisation: Tableau, Matplotlib, Plotly, Bokeh, Seaborn,
Neural Networks: Tensorflow, Keras, Pytorch, AWS, Hadoop, Spark, Hive

PROJECTS

Data Scientist | Clothing Recommendation System

SEP 2022 - DEC 2022, BrainStation Capstone Project

- Created an apparel recommendation system using product metadata and reviews from the clothing category on Amazon

Data Scientist | LoyaltyOne Industry Project

DEC 2022, BrainStation Industry Project

- Worked in a multidisciplinary team of web developers and UX designers to develop a proposal in under 24 hours to increase use of Air Miles with the younger generation

EXPERIENCE

Student Library Assistant | University of Toronto Libraries

MAR 2022 - SEP 2022, Toronto, ON

- Prepared new acquisitions for catalogers, supplying the university's extensive collection with up-to-date information
- Accomplished clearing through 10,000 acquisitions built up during the pandemic, clearing up the acquisitions backlog in 2 months
- Assisted in establishing an efficient workflow for current and future student library assistants

Tutor | Scholars Education Centre

OCT 2019 - MAR 2020, Bradford, ON

- Tutored math, biology, chemistry, and physics to students in grade 7 to 12 in small groups, increasing grades by 10%
- Lead tutoring sessions and efficiently managed the time allocated to classes for the highest productivity in the session
- Demonstrated communication skills by assisting students in understanding the subject of study

EDUCATION

BrainStation | Diploma, Data Science

SEP 2022 - DEC 2022, Toronto, ON

University of Toronto | Honours Bachelors of Science

SEP 2017 - APR 2022, Toronto, ON

- Physics Specialist, Biology Minor