

Sergiy Chepiga

DATA SCIENTIST

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PROFILE

Witnessing the power and potential impacts of data-driven systems led me to explore the domain of Data Science during my time in the Computer Science program at Queen's University. Since then, I have vigorously pursued knowledge in the field, with my recent diploma in Data Science from BrainStation symbolizing my formal transition into this dynamic area.

Leveraging my strong foundation in problem-solving and deep enthusiasm for continual learning, I eagerly anticipate embarking on my new journey in Data Science.

SKILLS

Python, SQL, TensorFlow, SciKitLearn Supervised Learning, R, Hypothesis Testing, A/B tests, Parametric and non-Parametric tests, Tableau, Matplotlib, Plotly, Bokeh, Seaborn, Machine Learning in scikit-learn, Tensorflow, Keras, Pytorch, AWS, Hadoop, Spark, Hive, Docker, Prompt Engineering, Microsoft Office

PROJECTS

Data Scientist | Movie Poster Alignment with Reviews

June 2023, BrainStation

- Leveraged Convolutional Neural Networks and Natural Language Processing to develop a predictive model for detecting posters which don't convey what the movie is about
- Predicted movie genre based on poster at 92% accuracy rate
- Applied machine learning techniques to unstructured data, integrating visual analysis and natural language processing.

Data Scientist | Microsoft Data Privacy & Security

[Month] 2023, BrainStation HACKATHON

- Conducted research on potential market demographic
- Created synthetic database based around research
- Worked with team of 2 UX/UI designers and 3 software engineers to build a website to demonstrate data privacy & security recommendations
- Demonstrated potential impact of up to 70% increase in security increase for older demographics resulting in 70-99% decrease in malicious attacks

Coder

2018 Queens HACKATHON

- Utilized Python skills to contribute towards group project

EDUCATION

BrainStation | Diploma, Data Science

April 2023 - July 2023, Toronto ON

Queen's University | Bachelor Majoring in Computer Science

September 2015- May 2019, Kingston ON

Dr J M Denison Secondary School | Graduated

June 2015, Newmarket, ON