

# Dominic Mortimer

## DATA SCIENTIST

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Graduating from a B.Sc. in Physics, with a skillset that included coding, math and science, I was initially unsure what career path to pursue. However, after discovering the field of data science I soon realized that it was the perfect fit for me. It combines logical thinking with problem solving for real world issues, and I knew quickly that it was a field in which I could excel. With my technical expertise and diploma from BrainStation, I am ready to hit the ground running in a data role.

## EXPERIENCE

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### Embedded Software Developer | Mitel Networks Corporation

MAY 2018 - DEC 2018, Kanata, ON

- Developed Python scripts for automating the acoustic testing of IP telephone sets
- Adapted firmware for new sets of conference phones by writing C++ code to account for hardware changes
- Documented all firmware and test script changes, allowing for updates to be clearly visible and easily understood

### Research Assistant | Structured Quantum Optics Research Group

JAN 2017 - AUG 2017, OTTAWA, ON

- Studied the fundamental nature of structured light waves and their applications to quantum cryptography
- Wrote Python scripts for simulating the propagation of novel optical beams, bearing unique mathematical characteristics
- Aligned highly sensitive optical components to build new experimental setups, designed to study the nature of structured light waves

## EDUCATION

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### BrainStation | Diploma Candidate, Data Science

MAY 2021 - JULY 2021, ONTARIO, CA

### University of Ottawa | Honours Bachelors in Physics, Minor Chemistry

SEP 2014 - APR 2019, OTTAWA, ON

- Dean's list (2015 - 2019)
- NSERC Undergraduate Student Research Award (2017)
- Yatendra P. Varshni Scholarship (2017)

## SKILLS

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Python, R, SQL, Tableau, Matplotlib, Seaborn, Tensorflow, Keras, Pytorch, Hadoop, Spark, Hive, Hypothesis Testing, A/B Tests

## PROJECTS

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### Google Insight (found [here](#)) | Lead Data Scientist

JULY 2021, BrainStation x Google Hackathon

Google Insight uses interactive map visualizations to inform users as to how companies might use their location data to benefit them