# *Matthew Olsson*

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## *Experience*

***Credit Risk Analyst** / Canadian Tire Financial Services / Oakville (Hybrid) / May 2022 - Present*

- Owned and conducted in-depth data analysis of vital collections strategy areas, identifying opportunities for enhancements of key performance indicators and implementing strategy effectiveness using SAS, PLSQL, and Python.
  - Pre-delinquency strategy: Delivered a 281 bps increase in dollars prevented from going delinquent.
  - Machine Learning Payment withholding strategy: Secured an 858 bps increase in non-sufficient funds retained.
- Developed comprehensive reporting on the strategies, driving actionable insights from financial data and visualization using Python, Excel, and Tableau. Organized quantitative research efforts in strategy areas to support stakeholder requests and assess risk.
- Collaborated on improved digital collections initiatives across SMS, email, and IVR channels in addition to reporting on operational statistics and champion/challenger testing using Excel and Tableau.
- Ensured integrity and quality of numerous data tables from external and internal sources.

***Project Manager** / The Violin Group / St. Catharines / August 2021 - May 2022*

- Seamlessly managed an electrical upgrade project across 100 Bell telecommunication sites, overseeing a team of 5 employees.
- Monitored the status of each site simultaneously, coordinating tasks among 4 parties and updating on progress as required.
- Achieved a 33% increase in completion rate and optimized site completion time since joining.
- Contributed to Ontario's LMRN project through Bell Mobility, involving surveying, compiling survey data, and designing project plans across 150 sites.

***Research Assistant** / Brock University / St. Catharines / September 2020 - June 2021*

- Collaborated with two professors on an undergraduate thesis titled, Using Monte Carlo Simulation to Mimic Cosmic Radiation Damage.
- Aimed to investigate tissue reactions to prolonged exposure of increased radiation to astronauts during spaceflight.
- Generated a particle phase-space and directed particles onto mice and various intermediary materials for testing through computed Monte Carlo simulations.
- Engaged data visualizations and tabular data to display the increased dosage received by the simulated mouse.

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## *Education*

- ***Bachelor of Science (Honours)*** / Majors in Physics and Mathematics / Brock University

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## *Skills*

- ***Technical Skills***: Programming (SQL, Python, SAS), data visualizations (Excel, Python), mathematics, statistical analysis, AI & machine learning (logistic & linear regression, decision tree analysis, clustering, etc.), risk management, quantitative and qualitative research
- ***Soft Skills***: Critical thinking, problem solving, communication, creativity, team leading