

Matthew Olsson

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Professional Summary

Analytical and results-driven professional with a background in data science, risk management, and project leadership. Skilled in programming, statistical analysis, and problem-solving, with a passion for uncovering insights that drive strategic decisions. Constantly seeking growth, both professionally and personally, through challenges that enhance critical thinking, creativity, and efficiency.

Experience

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

- Daily tasks are split between reporting, project work, and ad hoc assignments.
 - Conduct in-depth data analysis of vital collections strategy areas, identifying opportunities to enhance key performance indicators and implementing strategy effectiveness using SAS, PLSQL, and Python.
 - Develop comprehensive reporting on strategies, extracting actionable insights from financial data and visualizations using Python, Excel, and Tableau.
 - Organize quantitative research efforts to support stakeholder requests and assess risk.
 - Collaborate on improving digital collections initiatives across SMS, email, and IVR channels while reporting on operational statistics and champion/challenger testing using Excel and Tableau
 - Ensure the integrity and quality of numerous data tables from external and internal sources.
- Achievements within the role.
 - Pre-delinquency strategy: Driving a 281 bps increase in dollars prevented from going delinquent.
 - Machine Learning Payment Withholding strategy: Securing an 858 bps increase in non-sufficient funds retained.
 - Led a collections initiative to deliver push notifications to past-due customers, enhancing payment rates.
 - Performed in-depth portfolio analyses to assess aging trends among "stressed" customers, evaluate sensitivity to external debt obligations, and identify customers at risk from APR rate increases.

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
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About Me

- Beyond work, I'm passionate about Brazilian Jiu-Jitsu, strength training, and music production—creative outlets that challenge both my mind and body. I'm always looking for ways to grow, whether it's through personal development, community engagement, or mentoring others in analytics and problem-solving.