

JONAH MICKELSON

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EDUCATION

MCGILL UNIVERSITY

Bachelor of Arts

Major Concentration Statistics

Relevant Coursework: Supervised and Unsupervised Learning, Regression (Linear, Multinomial, Poisson, Logistic), Nonparametric Statistics, Conditional Probability and Expectation, Monte Carlo Simulation.

Montreal, QC
December 2025

WORK EXPERIENCE

ENVIRONICS ANALYTICS

Data Analyst Intern

Toronto, ON
May 2025 – Sep 2025

- Produced customer and trade area analysis reports using Envision proprietary software, leveraging 60+ databases and 40,000+ demographic, behavioral, and geographic variables.
- Translated complex data reports into executive-ready presentations for senior stakeholders at major Canadian and North American companies.
- Collaborated with the R&D team to research and prototype LLM/NLP applications for a new product, enhancing algorithm accuracy and reducing processing times.

ROMSPEN INVESTMENT CORPORATION

Junior Analyst - Intern

Toronto, ON
May 2024 – Sep 2024

- Conducted portfolio analysis for one of Canada's largest private commercial mortgage lenders (\$2.9B AUM), summarizing positions and risk exposures for senior management.
- Built financial pro formas to evaluate property-level revenues, development costs, and construction financing requirements.
- Designed and implemented Value at Risk (VaR) models (parametric, historical simulation, Monte Carlo) to quantify FX risk on forward contracts, enhancing internal risk management practices.

MCGILL MEN'S BASKETBALL TEAM

Statistical Analyst

Montreal, QC
Sep 2023 – Mar 2025

- Produced performance reports from practice and game data to support coaching decisions and player development.
- Built a real-time web application (R Shiny + Python) to track plus/minus and optimize lineups, saving ~2 hours per game in manual tracking
- Leveraged R visualizations (heat maps, shot charts) to identify scoring trends and enhance strategic planning.

ACTIVITIES

MCGILL CHESS CLUB

Vice President of Finance

Montreal, QC
May 2022 – May 2025

- Managed club budget and university funding allocations, ensuring financial compliance.
- Coordinated weekly meetings and special events, driving member engagement and club growth.

OPEN-DOOR DROP-IN CENTRE

Volunteer Feb 2022 – Apr 2024

Montreal, QC

- Supported meal preparation and distribution for 100+ homeless and low-income individuals daily, ensuring reliable access to food and shelter services.
- Developed communication and interpersonal skills by engaging directly with diverse community members in challenging situations.

ADDITIONAL

Technical Skills: Proficient in Python, R, Excel + VBA, PowerPoint, Git, Power BI

Interests: Competitive Road Racing (Bateman's Cycling Team), Chess (McGill Chess Team), Financial Markets, Rugby