

ROBIN BILODEAU

Ottawa, Ontario, Canada

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EDUCATION

University of Ottawa

Ottawa, Ontario, Canada

Bachelor of Science in Computer Science and Mathematics

Sep 2023 – Apr 2028

- **Relevant Courses:** Intro to Computing 1, Intro to Computing 2, Linear Algebra, Discrete Mathematics for Computing, Business Analytics, Statistics for Management

WORK EXPERIENCE

Westmount Capital Partners

Ottawa, Ontario, Canada

Investment Banking Analyst

Apr 2023 – Aug 2023

- Analyzed and modeled 3-statement projections, and acquisition financing scenarios for a 115 million dollar transaction
- Assisted in debt structuring for a 10 million dollar convertible note and 2 million dollar bridge loan
- Conducted market research and prepared pitch materials for capital raising, resulting in 250 million dollars of commitments

PROJECTS

Moving Averages Crossover Strategy

- Developed a Python-based simulator to analyze trading strategies using moving averages crossover techniques, integrating stock market data via the yfinance library
- Implemented a dynamic portfolio simulation module that calculates holdings, cash balances, and portfolio returns, offering insights into the risk and profitability of the strategy
- Visualized key performance metrics, including stock price trends, moving averages, buy/sell signals, and portfolio performance, using matplotlib for data-driven decision making.

QB Touchdown Predictions

- Built a Python-based linear regression model to predict NFL quarterback touchdowns, using multi-season play-by-play data with advanced feature engineering to improve accuracy.
- Evaluated model performance with RMSE and R^2 metrics and visualized actual vs. predicted results to provide actionable insights.

LEADERSHIP AND ACTIVITIES

Ottawa Sting Hockey

Ottawa, Ontario, Canada

Assistant Captain

Sep 2021 – May 2023

- Led team strategy and fostered strong collaboration, securing 4 victories out of 5 tournaments, and earning a top 10 ranking in Ontario
- Acted as a key communicator between coaches and teammates, contributing to team excellence

SKILLS, LANGUAGES, INTERESTS

- **Languages:** English (Native speaker), French (Native speaker)
- **Soft Skills:** Public Speaking, Communication, Leadership
- **Programming:** Python, SQL, Java, Typst
- **Tools:** Microsoft Word, Git, Visual Studio Code, Canva
- **Libraries:** matplotlib, numpy, Scikit-learn, Jupyter, pandas, Tkinter, yfinance
- **Athletics:** Boxing, Hockey, Soccer, Volleyball
- **Interests:** Reading, Guitar, Movies, Farm/Cottage, Travel, Innovation and Technology, Entrepreneurship