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.

OrderBook Implementation for Financial Markets
- Designed and implemented a Python-based order book system to simulate financial market operations, including bid/ask matching, trade execution, and order cancellation.
- Utilized efficient data structures (e.g., dictionaries, sorted lists with bisect) to manage buy/sell orders and ensure optimal performance for high-frequency trading scenarios.
- Integrated real-time trade logging and visualization capabilities to track market activity and analyze order flow dynamics.

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