

# ROBIN BILODEAU

Ottawa, Ontario, Canada

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## EDUCATION

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### 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

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### 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

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### 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

- Developed a real-time order book system using FastAPI to handle order placement, trade execution, and order cancellation with low-latency API responses.
- Implemented Enums (StrEnum) to enforce consistency in order types (LIMIT, MARKET, FOK) and order sides (BUY, SELL), improving code maintainability.
- Integrated Yahoo Finance API for real-time price fetching and enabled seamless interaction between the back-end and front-end via CORS and static file hosting.

## LEADERSHIP AND ACTIVITIES

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### 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

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- **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