

Alexandre McNicholl

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SUMMARY OF SKILLS AND QUALIFICATIONS

Technical Skills | Python (Pandas, NumPy), SQL, Bloomberg Terminal, FactSet, Power BI, Excel (VBA, Pivot Tables, Macro Automation)

Financial Analysis & Valuation | Equity research, financial modeling, discounted cash flow (DCF), comparable company analysis

Capital Markets & Trading | Equities, Derivatives, and FX trading, Portfolio Optimization, Programmatic Trading

Certifications | CFA Level 1 Candidate (Feb 2025), Bloomberg Market Concepts (BMC)

EDUCATION

Bachelor of Commerce – Finance Co-op

2021-2025 (Expected)

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- Varsity Rugby Student Athlete
- FISA/JMSX - Stock Trading Competition
- Relevant courses: Investment Analysis, Portfolio Management, M&A, Options and Futures

WORK EXPERIENCE

Risk and Controls Analyst Intern

May 2024 - Aug 2024

Sharethrough, Montreal, Canada

- Engaged in executing internal control engagements across finance, operations, and IT.
- Supported in walkthroughs, evidence collection, sample selection, testing procedures, and updating risk matrices while also preparing detailed work-papers, updating documentation, and contributing to financial reports.
- Developed and maintained comprehensive process documentation and provided ad-hoc support to Finance functions.

Wealth Management Intern

May 2023 - Aug 2023

Manulife Securities, Montreal, Canada

- Various techniques for client acquisition, constructing diversified investment portfolios across equities, fixed income, and alternative assets
- Conducted fundamental analysis of stocks, ETFs, and mutual funds, evaluating risk-adjusted returns
- Assisted in designing tax-efficient investment strategies, integrating macroeconomic indicators into asset allocation decisions
- Manage meetings with independent partners; accountants, notaries, tax lawyers

Tax and Finance Analyst Intern

Pratt & Whitney CA, Montreal, Canada

Sept 2022 - Dec 2022

- Update Transfer Pricing documentation & variance reports for month-end actuals & MML & provide support relating to corporate tax returns, Value Added & Fuel Tax claims, withholding & municipal taxes.
- Maintain month-end checklist & journal entry log & assist in budget validation.
- Participate in process improvement & SOX testing.

EXTRACURRICULAR ACTIVITIES / CERTIFICATES / PROJECTS

CFA Level 1 Candidate

CFA, Montreal, Canada

February 2025

- Registered for CFA level 1 exam in February 2025. Chartered Financial Analyst is a postgraduate professional certification offered by the CFA Institute for Investment and Finance Professionals

Real-Time Trading Algorithm Development

Montreal, Canada

January 2025

- Developed a Python-based statistical arbitrage strategy to exploit market inefficiencies in equities, commodities, and FX.
- Integrated mean-reversion models, cointegration techniques, and momentum indicators for trade execution
- Backtested using 5+ years of historical data, optimizing Sharpe ratio and reducing drawdowns and automated trade execution with SQL-based data extraction and real-time order placement logic.

Bloomberg Market Concepts

Bloomberg, Montreal, Canada

Sept 2023

- Achieved bloomberg market concept certification which gives an introduction to financial markets using the power of the terminal. Gives knowledge in 4 key areas: Economic Indicators, Currencies, Fixed Income and Equities

Duke of Edinburgh Award Ambassador

The Duke of Edinburgh Award, Dubai, UAE

Sept 2018 - Aug 2019

- Participated in The Duke of Edinburgh Bronze Award program/challenge which consisted of doing 60 hours of community work, which in my case was cleaning up the beaches around Dubai