Mitchell Riddell

Education

Rotman School of Management & Department of Economics, University of Toronto — Toronto, Ontario
Master of Financial Economics — *Jul 2022 – Dec 2023*
- **Awards:** Graduate Entrance Scholarship ($6,000); 1st place in the MFESP stock pitch competition
- **Forthcoming Relevant Courses:** Corporate Financing II, Options and Futures Markets, Financial Economics, Econometrics

Gordon S. Lang School of Business and Economics, University of Guelph — Guelph, Ontario
Bachelor of Commerce, Major in Management Economics and Finance; Co-op Program — *Jan 2017 – Jun 2022*
- **Academics:** cGPA 3.9/4.0
- **Awards:** Graduated with Distinction; Dean's Honours List; Economic Honours Award; Best Undergraduate Paper Award for "Predicting Liquidity Innovations in Corporate Bonds with Machine Learning Methods"
- **Relevant Courses:** Machine Learning for Finance (A+); Financial Econometrics (A+); Advanced Econometrics (A-); Economic Statistics (A+); Mathematical Economics (A+); Intermediate Programming (A+); Derivatives (A+); Theory of Finance (A+)

Industry Certifications

- Passed CFA Level I — *2022*
- Corporate Finance Institute: Fixed Income, Derivatives, Commodities, Foreign Exchange — *2022*
- Bloomberg Market Concepts: Equities, Fixed Income, Currencies, Economic Indicators — *2019*
- Canadian Securities Course (CSC) — *2019*

Professional Experience

University of Guelph, Department of Economics and Finance — Guelph, Ontario
Research Assistant, Professor Delong Li & Professor Fred Liu — *Oct 2019 – Aug 2022*
- Participated as a data analyst in a policy research project with the International Monetary Fund (IMF)
  - Employed C++ and Python to extract historical bond pricing and descriptive data from Bloomberg and Thomson Reuters Eikon
  - Mapped and consolidated a final sample of 2,045 corporate bonds and 431 sovereign bonds issued across 46 emerging economies
- Co-author of 3 projects studying international corporate bonds:
  Project 1: Illiquidity Premiums in International Corporate Bond Markets
  - Developed Stata code to simulate long-only and market neutral bond trading strategies with uni- and bi-variate sorting methods
  - Uncovered abnormal returns to illiquidity of 3.1%-4.1% per annum among emerging market bonds, net of transaction costs
  - Identified 3 country-specific economic factors that contribute to the size of illiquidity premiums demanded across economies

  Project 2: *Using Machine Learning to Improve Accuracy and Interpretability of International Corporate Bond Risk Forecasting (Working Title)*
  - Utilized Scikit-learn and Tensorflow in Python to predict daily bond returns and VaR with various machine learning methods

  Project 3: *Long-run Sovereign Risks and Cross-sectional Corporate Bond Returns in Emerging Markets (Working Title)*

Skyline Group of Companies — Guelph, Ontario
Student Development Analyst, Skydevco Inc. — *May 2020 – Aug 2021*
- Underwrote four multi-residential development projects, cumulatively totaling over C$100mm in expected equity requirements
- Created two land venture pro formas and investment briefs used to raise over C$6mm of external investment capital
- Validated financial assumptions of over C$325mm of expected costs associated with joint venture developments

Skyservice Business Aviation — Mississauga, Ontario
Accounting Clerk, Fixed-Base Operations — *May 2019 – Dec 2019*
- Handled daily accounts payables and organized company financial data to reallocate to newly implemented ERP system

The Fisher Professional Corporation — London, Ontario
Staff Accountant — *May 2018 – Aug 2018*
- Prepared compilation engagements, allowing management to present client data in the form of financial statements

Extracurricular Activities

Guelph Student Investment Council (GSIC) — Guelph, Ontario
Asset Allocation Manager — *Sep 2017 – Apr 2022*
- Managed $100,000 in a concentrated long-only portfolio comprised of North American equities
- Presented quarterly portfolio performance and allocation updates to over 30 fund members
- Supervised a team of 7 analysts covering 3 sectors to create stock recommendation reports and pitches for portfolio managers

Personal

- **Technical Skills**: Python, R, Stata, C/C++, VBA, Excel, Bloomberg, Thomson Reuters Eikon
- **Machine Learning Packages:** Scikit-learn, Tensorflow, Numpy, Pandas, R packages (Pls, Glmnet, RandomForest, Gbm, Xgboost)
- **Interests**: Golfing, Playing & Watching Poker, Cyber Security