Yi Xie

EDUCATION

Rotman School of Management & Department of Economics, University of Toronto Toronto, Ontario
Master of Financial Economics *Expected June 2026*
- **Scholarship:** Graduate Entrance Scholarship ($6,000)
- **Upcoming Relevant Courses:** Corporate Financing II (MBA), Options and Futures Markets (MBA), Econometrics (MA)

Sobey School of Business, Saint Mary's University Halifax, Nova Scotia
Bachelor of Commerce (Honours), Major in Economics *Sep 2021 – May 2024*
- **Academics:** cGPA 4.0/4.0, Graduated *Summa Cum Laude*
- **Awards:** SSHRC Summer Research Award ($6,000), Academic Achievement Award ($7,000), Dean's List (2021-2023)
- **Relevant Courses:** Machine Learning & AI (A+), Econometrics (A+), Economic Stats (A+), Mathematical Economics (A+), Calculus II (A+), Applied Linear Algebra (A+), Business Finance II (A+)

PROFESSIONAL EXPERIENCE

Nova Scotia Property Insights, an upcoming start-up, review the platform here Halifax, Nova Scotia
Data Engineer *Sep 2023 – Ongoing*
- Used R to establish a data pipeline for over 10 million property records, creating a robust dataset for advanced analytics
- Utilized API and cronR technology to automate data cleansing scripts, enhancing operational efficiency
- Designed a Shiny App for property analytics, enabling dynamic reporting from cleansed data
- Employed machine learning techniques to build a predictive model for housing prices

Royalsea Capital Co., Ltd. Shanghai, China
Investment Analyst – Private Equity Fund *Jul 2023 – Aug 2023*
- Developed product differentiation and strategic planning for a tech company that was approaching Series B+ funding
- Conducted executive interviews and prepared financial and business analyses for investing in a new materials company

Bank of China Consumer Finance Co., Ltd. Shanghai, China
Data Analyst – Risk Management *May 2023 – Jul 2023*
- Utilized R and Excel to analyze a detailed 3-year profitability and asset quality report, enhancing decision-making for management
- Used R to cleaned and analyzed datasets from 20+ bank branches, supporting managers in making data-driven decisions

RELEVANT ACADEMIC PROJECTS

Accounting Academic Research Projects Halifax, Nova Scotia
Research Assistant *Sep 2023 – May 2024*
- Debugged and tested Python programs that were developed to generate imputed tax loss carry forward using financial statement data
- Used Excel and Python to collect, clean, and analyze executive compensation data available on Capital IQ

Machine Learning & AI Project (review available here)
- Predicted customer subscriptions to term deposits in a Portuguese bank's telemarketing campaign
- Developed predictive models (LPM, OOB, RandomForest, GBM), conducted AUC-based performance comparisons

EXTRACURRICULAR ACTIVITIES

Sobey School of Business Halifax, Nova Scotia
Teaching Assistant *Sep 2023 – May 2024*
- Lectured and conducted tutorials for Machine Learning & AI in the Master of Business Analytics program, and Econometrics, Statistics, and Corporate Taxation in the BComm program

Sobey School of Business Sustainable Business Society Halifax, Nova Scotia
Director of Finance *Sep 2023 – May 2024*
- Organized Clean Economy Careers Event, facilitated networking opportunities with alumni from various sustainability sectors

Ningbo Chuangtu Technology Co., Ltd. Ningbo, China
Co-founder & Director of Marketing *Sep 2020 – Jul 2021*
- Won a national gold medal at the 2020 China International College Students' Entrepreneurship Competition

PERSONAL

- **Technical Skills**: Proficient R, Intermediate Python, Stata, and SQL, Familiar Capital IQ and Power BI
- **Languages**: Mandarin (Native), English (Fluent)
- **Interests**: Basketball (Played Centre for School Team), Classical Chinese Dancing (Passed Highest Level Graded Exam)