

Ningsong Shen

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EDUCATION

Western University

London, Canada

BSc (Data Science) and HBA (Ivey Business School) Combined Degree

Sep 2019 – Apr 2024

- **Data Science Coursework:** Probability, Statistics, Regression, Study Design, Generalized Linear Models, Machine Learning, Databases, Algorithms, Causal Reasoning, and more
- **Awards:** [Western National Scholarship](#) (full tuition) • Don Lang HBA Scholarship in Entrepreneurship • EDC International Business Scholarship • Loblaw Scholarship • National Study Abroad Award

WORK EXPERIENCE

RBC Capital Markets

Toronto, Canada

Manager, Trading Floor Market Risk

Dec 2025 – Present

Analyst, Global Markets Rotation Program

Jul 2024 – Dec 2025

Summer Analyst, Global Markets (x2)

2022, 2023

- Automated repetitive workflows in Python across five rotations (trade ingestion, risk reporting, rate forecasting, bond allocation, daily commentary), saving colleagues hundreds of hours and quietly becoming the team's person for "can you just make this not manual anymore"
- Built and maintained risk dashboards using Tableau, Python and SQL databases, covering real-time exposures across trading desk, turning trend analysis, PV01 visualizations, and forecasting models into something the people who needed the numbers could actually use
- Got good at figuring out what the real risk exposures were when systems disagreed with each other, which was often. Developed a reliable process, for tracing discrepancies back to their source across a messy web of interconnected data systems, then documented it.
- Sat at the intersection of trading desks, senior management, enterprise risk, and quant teams. Translated granular position-level data up to portfolio-wide views and back down again, including explaining lingo to management and running annual limit calibration exercises

Bank of Canada

Remote

Summer Student, Data and Analytics

May 2021 – Aug 2021

- Built production ETL pipelines using Python, Apache Airflow, and Azure Data Factory to ingest and transform time-series bond data
- Prototyped an automated internal reporting tool for the [Market Participants Survey](#), translating vague stakeholder requirements into a working data product

Standard Notes

Remote

Software Developer

Jan 2020 – Aug 2020

- Built the front-end for the company's [Blog](#) and [Knowledge Base](#) that are still in use today

OTHER FUN STUFF

Did an **international exchange** in Singapore where I learned with very bright NUS Computing students and I travelled across southeast Asia – a glorious 6 months. As an Orientation Week Leader at Ivey, I was the sole recipient of the **Social Battery Energizer Award** (nominated by my peers) for outstanding efforts to make ALL students feel less alone. I led a very successful **turnaround of the Ivey Sales & Trading Club** by making it a social place for 100s of students to connect over financial markets. I **taught a 4-month academy** on 'real-world' financial markets to 11 terrific first-year students selected to join Mustang Capital. I co-led execution of a **very profitable sports betting bonus strategy** over 2 years with Mustang Capital's quant team. Also ask me about: CEOx1Day at Orix Geoscience, ping pong, cycling, chess, books, lifeguard/swim instructor