

Sima Shmuylovich

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EDUCATION

University of Toronto

Bachelor of Science (Honors) in Computer Science; Minors in Mathematics and Statistics

Toronto, Canada

Expected June 2025

- **Honors:** University of Toronto Scholar Award.
- **Relevant Coursework:** Theory of Computation; Data Structures and Analysis; Introduction to Databases; Proof-Based Calculus; Linear Algebra; Probability, Statistics, and Methods of Data Analysis; Principles of Micro and Macroeconomics.

Phillips Academy Andover

High School Diploma

Andover, MA

June 2021

- **GPA:** 5.65 / 6.0; **SAT:** 1550

WORK EXPERIENCE

National Bank of Canada

Summer Analyst in Corporate Derivative Sales

Toronto, Canada

May 2023 – August 2023

- Worked with the Interest Rate, Commodities, and Foreign Exchange groups.
- Developed and implemented financial models to analyze market trends and forecast potential outcomes.
- Monitored client exposures by proactively identifying and addressing risk areas.
- Shadowed sales team on client calls.
- Assisted in the preparation and automation of client presentations and reports.
- Returning May 2024 – August 2024.

National Bank of Canada

Summer Analyst in Fixed Income Sales and Trading

Toronto, Canada

May 2022 – July 2022

- Built a prototype app for forward pricing.
- Created a Python library for data management.
- Built models and reports to analyze secondary market internal statistics, futures contracts, spreads/yields of new issues and corporate bonds.
- Ingested and filtered internal databases.

SKILLS

- **Technical Skills:** Python; Java; C; R; SQL; XML; HTML; LaTeX; Git; MATLAB; Assembly Language; Excel VBA.
- **Operating Systems:** Windows, MAC OS, and Linux.
- **Languages:** Fluent in French and Russian.
- **Certifications:** Bloomberg Market Concepts (August 2023).

OTHER

- **Dual Citizen:** Canada & United States.