



Shuqi (Lexi) Deng

Shuqi is a target-driven professional actively pursuing a career in finance. She has strong analytical ability with practical experience in collecting, cleaning, and analyzing data. Shuqi has also demonstrated excellent communication, verbal and written, through collaborations with managers, clients, and team members.

EDUCATION

Master of Financial Insurance
University of Toronto
2023 - 2024

BSc (Honours) with High Distinction
Mathematical Applications in
Economics & Finance Specialist
University of Toronto
2023

SKILLS

Technical: Python; SQL; R; AXIS;
Advanced Excel; Microsoft 365

PROFESSIONAL CERTIFICATES/AWARDS

CFA Level 1: 2023

Dean's List Scholar: 2020; 2022; 2023

EXPERIENCE

Project: Canadian Government Bonds 5-Years Yield Prediction Feb. 2023

- Utilized Python to calculate the yield rate, spot rate, forward rate with the scipy package & functions
- Analyzed the yield curve, spot curve, forward curve for future bond yields trends generated from Python for insights
- Calculated & examined the corresponding covariance matrices, eigenvalues, eigenvectors & their implications

Project: UofT Price of Empire Research Project Jun. 2022-
Research Assistant Aug. 2022

- Conducted comparative inspections of over 300 data entries between Canadian trade tables & Excel spreadsheets
- Collaborated with team members to complete multi-years of data compilations

Project: Airbnb Price Determinant Data Analysis Dec. 2021

- Completed an IMRAD report with Linear Regression model to discuss methods, results, & limitations
- Conducted literature reviews, exploratory data analysis, & five model building to determine the fittest model
- Utilized R for data visualization in the map to identify potential price determinants
- Collaborated with team member to record a presentation of the results

University of Toronto May 2021-
Research Assistant Aug. 2021

- Collected 200+ entries of data from multiple sources
- Gathered 100+ CNKI academic journals & summarized
- Cooperated with team members to complete multiple years of data collection and coded in Excel to build a solid ground for the research topics