EDUCATION

Master of Financial Insurance
University of Toronto
2023 - 2024

BSc (Honours)
Statistics & Actuarial Science
Minor in Economics
University of Toronto
2019

University College Alumni Scholarship;
Bursary Fund Awards: 2018

SKILLS

Technical: Python; SQL; SAS; Javascript;
AXIS; PowerBI; Microsoft 365

PROFESSIONAL CERTIFICATES/AWARDS

Society of Actuaries
P (Probability);
FM (Financial Mathematics)

CFA Level 1: 2019
SAS Global Certification:
Base Programming Specialist

INTERESTS/ACTIVITIES

28 Electric Guitar; Hip-Hop Dancing

Keyi Luo

Keyi has demonstrated experience in Data Collection, Machine Learning Algorithm, Interpretation and Analysis, Stakeholder Management, Project Management, Quality Assurance and Database Management. She is interested in applying her skillset in the Data Science field, particularly exploring the research area of machine learning.

EXPERIENCE

Loblaw Technology — Apr. 2020-
Senior Reporting Analyst — Apr. 2023
- Analyzed reporting output providing process improvement recommendations
- Conducted ad-hoc analyses to deliver insights into potential optimization oppotunities; assisted with urgent escalations
- Utilized machine learning algorithms to create predictive models for key performance indicators, guiding strategic decisions for senior leadership
- Automated manual reporting processes
- Managed ETL processes & database maintenance; used cron expressions & Quartz scheduling tools to automate reporting; oversaw data analysis initiatives to meet stakeholders' reporting requirements & led customer experience improvement projects

Bell Mobility — Nov. 2019-
Analytic Assistant, Marketing Analytics — Dec. 2019
- Cleaned data & conducted QA processes on raw customer survey data using MS Excel
- Built survey dashboards utilizing MS Excel features

Sunlife Everbright China — Jun 2019-
Actuarial Assistant — Aug. 2019
- Built & developed advanced Excel pricing models of specialized life insurance portfolio using VBA
- Conducted financial performance analysis using SQL & tracked key performance drivers leveraging portfolio database