



# Muge (Gloria) Deng

Coming from a background in Actuarial Science and Statistics, Gloria is proficient in data analysis and has passed four SOA exams. She is also an effective team leader, detail-oriented, proactive, and a data-savvy explorer.

## EDUCATION

Master of Financial Insurance  
University of Toronto  
2023 - 2024

BSc (Honours)  
Actuarial Science & Statistics  
University of Toronto  
2023

## SKILLS

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

## PROFESSIONAL CERTIFICATES/AWARDS

**Society of Actuaries**  
P (Probability);  
FM (Financial Mathematics);  
IFM (Investment & Financial Markets);  
SRM (Statistics for Risk Modelling)

## INTERESTS/ACTIVITIES

Piano (ABRSM Grade 8);  
Art (Painting; Rubber Sculpting)

## EXPERIENCE

*Time Series Modelling with Applications in Economics and Public Health* Sep. 2022-  
Nov. 2022

Researcher under the guidance of Professor Peter Kempthorne at MIT

- Gained a basic understanding of time series analysis, simple time series modes, & financial time series
- Familiarized with the stationary processes of testing estimated noise sequence for time series dependence
- Mastered Auto-regressive (AR), moving average (MA), & ARMA models selection & forecasting
- Finished a research paper by collecting & analyzing real-world time series data which was accepted by MEEA 2022

Guangzhou Hanhui Venture Capital Management Co., Ltd., Jun. 2021-  
China Aug. 2021

Intern, Investment Management Department

- Investigated specific industries, analyzed & summarized various data in the industry
- Conducted credit evaluation for companies, evaluated the company's business situation, tax information, legal risks
- Completed industry market research reports & specific company credit reports to identify investment value & opportunities for the company

China Galaxy Securities Co. Ltd., China Jul. 2020-  
Intern, Securities Business Department Aug. 2020

- Provided individualized consulting services
- Assisted clients in opening accounts & other services
- Collected, & analyzed the data of the science & technology innovation board & initial public offering