



Jiarun Chen

Graduating in Applied Mathematics in Probability and Statistics, Jiarun has accumulated an extensive amount of experience from tutoring high level statistical courses to the completion of projects analyzing and processing data. Having strong analytical, planning and administrative skills, Jiarun can maintain efficiency and initiative when working independently and in teams.

EDUCATION

Master of Financial Insurance
University of Toronto
2023 - 2024

BSc (Honours)
Mathematics & its Applications
Specialist
Major in Statistics
University of Toronto
2022

SKILLS

Technical: Python; R; MATLAB; SAS;
Excel VBA; SQL; LaTeX; AXIS;
Microsoft 365

PROFESSIONAL CERTIFICATES/AWARDS

Bloomberg Market Concepts Certification
IBM Data Analysis with Python Certification
SAS Certified Specialist: Base Programming 9.4
SAS Certified Advanced Programmer for SAS 9
University of Toronto Scholar 2018
Duke of Edinburgh's Bronze Award 2018

INTERESTS/ACTIVITIES

Tutor: 4+ years for university level mathematics
& statistics [200 students]

EXPERIENCE

MFI Summer Project, UofT

Summer 2023

- Worked on a case study in a group, for which an insurance company's scenario is given
- Completed profit & mean-variance optimization analyses, making predictions on the portfolio
- Carried out simulation processes using R, Excel, & Python
- Presented report and findings to the professors

Toronto Smart Digital Homes
Data Analyst

Sep. 2022-
Nov. 2022

- Examined & quantitatively analyzed general trends in contemporary smart technology industry
- Sourced & gathered relevant datasets, cleaned information & performed analysis to gain insights into smart applicant users
- Delivered detailed presentations & reports to highlight commonalities amongst smart technology users & general increasing trend of consumption regarding smart appliances
- Actively participated in meetings & data mapping sessions to understand business needs & create action plans

CAS Summer Program
Mentee

Jun. 2021-
Aug. 2021

- Applied advanced Excel skills to the actuarial field with the study of specific practices
- Worked effectively in a team to examine real-life actuarial & statistical cases using Excel, such as analyzing admission rates of United States universities
- Presented findings & discussed improvements using alternative approaches in different scenarios