

EDUCATION

University of Toronto St. George Campus, University College, Toronto, ON

Master of Mathematical Financial Candidate

Aug. 2018 – Jul. 2019

- MMF course union representative (candidate), UTGSU

Honours Bachelor of Science with High Distinction

Statistics Minor, Mathematical Applications in Economics & Finance Specialist

Sep. 2015 – Jun. 2018

- Last year GPA: 3.92 / 4.0
- Dean's List Scholar 2014 – 2017
- Project based: Time Series, Financial Products, Stochastic Calculus, Machine Learning, Numerical Methods
- Teaching: Linear Algebra, Ordinary Differential Equations 2017 Winter term; Tutor at EASY Group
- University College Alumni Scholarship 2017 & Graduate Scholarship 2018

SKILLS SUMMARY

TECH: MATLAB, Python, SQL, VBA, R, advanced MS (Word, Excel, PowerPoint, & Outlook), Bloomberg, LaTeX

SOFT: Quantitative Problem-solving, analytical & strategic thinking; Solid statistical & financial modeling skills; Excellent verbal & written communication; Relationship builder & team player

WORK & RESEARCH EXPERIENCE

Research Assistant, High Frequency Trading Algo, Mathematics Dept., University of Toronto

Sep. 2017 – Oct. 2017

- Collaborated with a graduate student on HFT research project, focusing on the mathematical modeling of a price formation process in the financial market through academic research such as studying relevant scholar paper
- Validated a coupled system of HJB equations leveraging MATLAB & generated a simulation of virtual financial market trades between three stochastic agents in Python through teamwork

Summer Risk Analyst, Credit Application Department, Bank of China (Canada), Toronto, ON

May 2017 – Jul. 2017

- Received an exceptional appraisal from the manager for outstanding productivity, professional spirit and accountability
- Performed effective problem-solving skills to reconcile corporate bill payments efficiently; initiated credit search & documents reviewing for existing clients; including personal, corporate financial statements, risk rating & due-diligence

Cloud Analyst Specialist, HRIS Team, University of Toronto, Toronto, ON

Sep. 2016 – Dec. 2016

- Coordinated with senior colleagues in the HRIS Team on project-based database management & manipulations
- Built effective communication skills, email manner from daily meeting with & reporting to the manager & coworkers
- Strong attention to detail developed through performing data reconciliation in Excel (Pivot Table, Filter), created & managed SAP database to successfully implement KRONOS, including configuration testing

Summer Intern, Corporate Department, China Merchants Bank, Wuhan, Hubei, China

Jul. 2016 – Aug. 2016

- Renovated the account opening process by simplifying the files and printing process, which improve efficiency by 20%
- Performed a high-level competence of the job, with gratitude towards clients and monitoring of database

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Student Event Initiator, Risk Lab Toronto, Toronto, ON

Aug. 2017 – Apr. 2018

Financial Modeling Analyst, Equity Research supervised by a TD Associate, Toronto, ON

Sep. 2016 – Apr. 2017

Student Academic Advisor, First Year Student Handbook, UTChinese Media, Toronto, ON

Jan. 2015 – Aug. 2018

Idea Generator for Fund Raiser, Bay Real Estate Group, Toronto, ON

May. 2015 – Aug. 2015

1st Place Team, China Thinks Big (A national competition by Tsinghua & Harvard), Shanghai, CN

Oct. 2013 – Jul. 2014

Origami Club Chair, Wuhan Foreign Languages School, Wuhan, Hubei, China

Sep. 2012 – Apr. 2014

INTEREST

Photography (SLR Nikon holder, for over 6 years); News Reading (Bloomberg, Yahoo Finance); Traveling (self-planned 2-month Europe trip); and swimming