MASTERS OF financial insurance

MFI candidates
2018 - 2019

Statistical Sciences
UNIVERSITY OF TORONTO
What our industry partners say about MFI students:

“Very impressed by the superb technical skill, creativity, and professionalism shown by the MFI student we hired for the summer internship..... The work exceeded my expectations.”

“I have found the MFI students to be hardworking, curious and intelligent.”

“It has been a great pleasure working with the MFI students. They are enthusiastic and engaged learners, which makes me feel more motivated about my teaching.”

“Very impressed by the superb technical skill, creativity, and professionalism shown by the MFI student we hired for the summer internship..... The work exceeded my expectations.”
The Masters of Financial Insurance (MFI) professional program was launched in September 2016 to address the growing need of skilled professionals with the unique blend of data science, mathematical finance and insurance. Since welcoming our first cohort of students, it has developed and grown rapidly and demand from students and employers has been beyond expectations. Our original goal was to admit 5, 10, and 15 students in years 2016-2017, 2017-2018 and 2018-2019, however, due to the demand and quality of the applicant pool, our cohort exploded to a group of 10, 13 and 23 excellent students, respectively.

In a short time, the MFI Program has built a strong reputation and created many firm partnerships in the finance, fintech, and insurance sectors, with industry professionals not only employing our highly qualified candidates, but also co-teaching courses, delivering seminars, and visiting the Program to speak about their particular field of expertise. This exposure and connection provides our students with unique learning opportunities and key insider knowledge.

The response we receive from industry partners on the quality of the students and their training is second to none, and we are confident that our alumni will become leaders in the field and make important contributions here, in Canada, and beyond.

The Class of 2019 has 23 high achieving students – 6 domestic and 17 international - and their academic backgrounds include engineering, actuarial science, mathematics, economics, data science and financial engineering. We are confident that if you offer a summer (or longer) opportunity to an MFI candidate from the Class of 2019, you will be impressed with their intellect, professionalism, and knowledge.

Sincerely,

Professor and MFI Director
Sebastian Jaimungal

The Department of Statistical Sciences offers the Master of Financial Insurance Program (MFI), a full-time professional program focused on producing students who will become leaders in the global finance, fintech, and insurance industry. The program stands on three pillars: data science, financial mathematics, and insurance modeling. It provides students with education at the interface of these domains with sufficient depth and breadth so that students can provide both detailed analysis of finance and insurance risks, as well as provide a bird’s-eye perspective on how the embedded risks affect the firm enterprise wide.

The program is particularly appropriate for students with backgrounds in statistics, actuarial science, economics, and mathematics, or students with a quantitative background (such as those in physics and engineering). While students have different backgrounds coming into the program, they are trained together as one cohort. In the first semester, students are exposed to core theory and methodology, in addition to numerous industrial seminars. While in the second semester, they work on a variety of case studies and projects lead by industry professionals.

The MFI Program runs for 12 months, from September to August. Students take academic courses in the first two semesters with the program culminating in a 16 week work-term placement designed to provide real-world experience in finance and/or insurance. As an added bonus students are ready to start full time work or extend their contracts into September!

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Traditionally, the finance and insurance worlds are quite distinct, but this distinction is disappearing. Financial firms are taking exposure to insurance risks, insurance companies are providing guarantees to their clients that fundamentally intertwines them with the financial markets, and pension plans provide income guarantees which profoundly link their obligations to these markets. The Masters of Financial Insurance (MFI) program answers the growing need from industry to fulfill this unique skill set.

The MFI is a professional program that provides candidates with a sophisticated understanding of this complex interaction of the financial and insurance fields. The program contains a comprehensive set of offerings and students gain rigorous training in data science, actuarial science and finance. Graduates from this program are versatile and well armed to face the highly skilled work required of them in the banking, insurance, pension, fintech, and consulting industries.

Class of 2019: Hiring a Work Term Student

You can test drive new “pre-professionals” through a cost effective, risk free environment and also shape the training of future professionals by offering feedback to the program. Bringing an MFI graduate student on board for a work placement either for the summer term or in an extended contract – as the students are available for full time, or longer term contract employment immediately after the summer – is an excellent way to connect with emerging high achieving professionals, and bring new thinking and strategy to your organization.

The students presented in this resume book will be extremely very well-prepared to bring their competencies, knowledge and expertise to your organization in May 2019.

We are immensely grateful for the interest shown by our industry partners in supporting the next generation of industry professionals. Our partners are continually growing and so far include:

Bank of Montreal
Berkshire Hathaway
Coinsquare
Great-West Life
CI Investments
Canadian Pension Plan Investment Board
High Street Asset Management
Manulife
Moody’s Analytics
Munich Reinsurance
Ontario Ministry of Finance
Ontario Teachers’ Pension Plan
OPSEU Pension Trust (OPTrust)
Proviti
Royal Bank of Canada
Scotiabank
Sun Life Financial
Swiss Reinsurance
TD Bank
Willis Towers Watson
What some of our Partners Say

“A great professional team behind the MFI Program. From the warm welcoming initial engagement and follow-ups, professional CV booklet, interview process and offers; one would be hard-pressed to know the MFI is in its inaugural year. We had a hard time picking from the many qualified students.”

- - Scotiabank

“The MFI program exceeded my expectations in terms of connecting us with a candidate whose capability added value both in the near term and potential long term. The MFI candidate was a great fit for the team, interacting seamlessly with our current staff and proactively seeking out networking opportunities. Our MFI candidate’s excellent level of engagement, general curiosity and ability to tackle a steep learning curve is what set her apart from other candidates we interviewed and internships experienced in the past.”

- - RBC

“Very impressed by the superb technical skill, creativity, and professionalism shown by the MFI student we hired for the summer internship. We had a complex, model building project that required not only some sophisticated modeling and an intuitive interface, but required navigating ambiguity and good cross functional teamwork. The work exceeded my expectations. There was of course even more we threw at the MFI student, who handled it all with enthusiasm and a smile on his face.”

- - Swiss Reinsurance

Ways to Get Involved

The MFI Team has been impressed by the enthusiasm and support given by industry partners. You can be involved not only by providing summer work terms for our candidates but also in other ways such as:

- Attending our annual fall reception
- Delivering a guest lecture to our students
- Hosting a company tour or information session
- Sponsoring MFI events such as the MFI Fall Reception or Alumni Socials
- Mentoring a student
- Providing an Informational Interview
- Offering mock interviews and feedback
- Hosting an on-campus information session
- Hiring a recent graduate
- Participating on an advisory board
Yizhou (Jake) Cai

Jake has a strong academic background in statistics and mathematical theory and experience of risk control, portfolio/wealth management, mathematical modeling, data analysis, machine learning and programming. He also has outstanding language script skills along with skills in debate, teamwork and leadership.

EDUCATION

- Master of Financial Insurance
  University of Toronto
  2018 - 2019
- BMath and Applied Mathematics
  Shanghai Jiao Tong University (SJTU)
  2018
- University of California Berkeley
  Summer 2016
  Business Application of Macro Economics; Introduction to Finance

EXPERIENCE

- Jiahe Nahong Wealth Management Co. Ltd.
  Assistant, Department of Overseas Events
  July 2017 - September 2017
  • Programmed a compound interest calculator for life insurance with VB & MATLAB
  • Mathematically simplified a formula for broader understanding to clients
  • Compared life insurance products of AIA, Prudential, Manulife etc.

- Science Academy of China
  Machine Learning and Statistics Analysis
  September 2016 - October 2016
  • Built several maths models
  • Partly programmed a step counting application

- Shanghai Jiao Tong University
  Expectation of Hearthstone Profits, Blizzard Entertainment Team Leader
  February 2016 - June 2017
  • Built and simplified mathematical models
  • Quantified factors and raised assumptions
  • Solved parameters with methods of undetermined coefficient and probability density models

SKILLS

- MATLAB; C/C++; R; VB; Origin; Vensim; Java; Python

PROFESSIONAL CERTIFICATES/AWARDS

- Mathematical Contest in Modeling - Honourable Recognition (MCM) (2017)
- Competition of Mathematical Analysis of Chinese Graduates - 3rd Prize (2014)
- Anbo Cup National Debate Invitation Competition (3rd Place)
- Captain/Coach: Dept. of Mathematical Science Debate Team, SJTU
- Vice-Captain: Dept. of Mathematical Science Volunteer Team, SJTU
- PRP Project: Research to Company Law
  • Compiled report “Legal Validity of Letters of Intent in China”
  • Researched the relationship between Letters of Intent and secret deals
  • Comprehended the general punishment level to secret deals in China

The student profiles featured are an overview. If you wish to review the complete resumes of any of our talented cohort please contact the MFI Office.
Eric K.Y. Chan

Eric is a detail-oriented person with essential interpersonal skills. An academic background in Actuarial Science and Economics has allowed him to have a comprehensive understanding of different Economic and Financial Models. He has also had exposure in financial market, valuation and pricing models through his diversified working experience.

EXPERIENCE

FWD Insurance (Digital Commerce), Hong Kong
Actuarial Student Intern
- Performed user acceptance test (UAT) with the Actuarial Pricing Team on newly launched products
- Conducted competitive analysis on insurance products offered by various insurance companies
- Developed project plans to integrate ifWFD products into other companies’ online platforms

Manulife Financial (Regional Actuarial Services), Hong Kong
Actuarial Analyst Intern
- Reviewed the valuation model and asset information from various Asia operations
- Performed Economic Sensitivity and Par Adequacy test to analyze the impact of interest rate movements on the reserve level
- Prepared valuation reports (CIFRS Reserve Report, Appointed Actuary Report) after quarterly reserve analysis

China CITIC Bank International Limited (Treasury and Global Market), Hong Kong
Summer Treasury Intern
- Created investment strategies by compiling internal financial reports for investment team and department head’s reference
- Introduced company’s complex financial products (FX Forward Contract, FX Derivatives) to clients to meet their financial needs

Soccer, Swimming, Table Tennis, Debate

University of Toronto Dean’s List Scholar (2013-2017)
Yuting has a solid actuarial and statistical background and eager to apply these skills in the insurance industry. She is a strong and self-motivated learner with great communication and interpersonal skills.

EDUCATION
Master of Financial Insurance
University of Toronto
2018 - 2019

EXPERIENCE
Case Study of Society of Actuaries
February 2018 - April 2018
2018 Student Case Study
- Predicted mortality rates & demographic composition using Lee-Carter model & random walk model
- Built revenue & expense models & simulated future earnings & expenses by MCMC using R
- Collaborated on making policy recommendations for sustainability of the Social Long-Term Care Insurance Program

People’s Insurance Company of China
May 2017 - July 2017
Actuarial Intern, Marine & Cargo, Agricultural Actuarial Division
- Mined agriculture insurance data and dug deep into rating processes in U.S. using R & Excel
- Assisted in composing detailed report about agriculture in the U.S. to compare with China
- Collaborated with colleagues to design & promote a crop revenue insurance that was not developed in China

Department of Consumer Science, Purdue University
May 2016 - May 2018
Undergraduate Research Assistant
- Conducted research about the effect of bankruptcy on different kinds of institutional holdings over time using SAS
- Analyzed the education data of board members in Indian firms to quantify social relations
- Summarized literature reviews for Professor’s reference in composing finance journal papers

PROFESSIONAL CERTIFICATES/AWARDS
Society of Actuaries:
- P (Probability); FM (Financial Mathematics); MLC (Models for Life Contingencies); C (Construction & Evaluation of Actuarial Models) & all VEE components

SKILLS
- Excel; Python; SAS; R; MATLAB; LaTeX

INTERESTS
- Project Leader: Centre for Community Partnership
- Leader of a dance troupe - led over 50 dancers

Daodao (Sandy) Dong
Sandy has a comprehensive understanding of financial modeling, statistical models, mathematical concepts and applications. She has strong quantitative, analytical and problem-solving skills and excellent verbal and written communication. She is self motivated with superior teamwork and time management abilities.

EDUCATION
Master of Financial Insurance
University of Toronto
2018 - 2019

EXPERIENCE
KPMG Huazhen LLP, Shanghai
July 2017 - August 2017
Intern, Audit Department FS1
- Assisted in the audit procedure including compiling historical investment for the previous year & auditing financial statement of the client
- Met with client to review its operational status & obtain audit evidence
- Verified client information (e.g. banking data) & performed bank confirmation

People’s Insurance Company of China
July 2016 - August 2016
Actuarial Intern, Marine & Cargo, Agricultural Actuarial Division
- Mined agriculture insurance data and dug deep into rating processes in U.S. using R & Excel
- Assisted in composing detailed report about agriculture in the U.S. to compare with China
- Collaborated with colleagues to design & promote a crop revenue insurance that was not developed in China

Case Study of Society of Actuaries
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- Summarized literature reviews for Professor’s reference in composing finance journal papers

PROFESSIONAL CERTIFICATES/AWARDS
SAS Base Programmer Certificate
Dean’s List Scholar (2014-2018)

SKILLS
- Excel; Python; SAS; R; MATLAB

INTERESTS
- Member: American Statistical Association, Global Science Partnership
- Badminton, Drum Set

Yuting has a solid actuarial and statistical background and eager to apply these skills in the insurance industry. She is a strong and self-motivated learner with great communication and interpersonal skills.
Ruqing (Anna) Fang

Anna is a self-motivated and dedicated self-starter. She has experience in actuarial consulting and she is keen to apply her knowledge gained from academic study to the financial world. She is mature and has developed excellent organizational and time management skills along with great communication both verbally and written.

EDUCATION

- Master of Financial Insurance  
  University of Toronto  
  2018 - 2019

- BSc In Actuarial Science  
  Minor in Insurance  
  Middle Tennessee State University  
  2016-2018

- BSc In Actuarial Science  
  Ningbo University  
  2014-2016

EXPERIENCE

- Shanghai Yuchun Business Consulting Co., Ltd, China  
  Actuarial Consultant  
  June 2018- August 2018
  - Built & managed 13 clients’ health insurance plans & developed automatic scheme generation tool
  - Critical Illness Analysis Team: analyzed & compared critical illness products on the market, collected data using Python, built model and compared, recommended cost-effective products for different customer groups
  - Weekly presentations to colleagues of analysis result
  - Calculate insurance policy IRR

- Zhejiang Rural Commercial Bank, Quzhou, China  
  Assistant Manager  
  June 2016- August 2016
  - Facilitated customer service to help customers fulfill their banking needs

- Knoxville Asian Culture Festival & Murfreesboro International Culture Festival  
  Volunteer  
  2016-2017
  - Led the Chinese representative booth, displayed traditional Chinese culture such as calligraphy, Beijing opera and diabolo

- NBU School of Science Student Union  
  Ningbo University (Study Dept. & Activity Dept.)  
  Secretary  
  September 2014- June 2016
  - Organized multiple student activities & student seminars

SKILLS

- MS Office, VBA, R, Excel, SAS, MATLAB

PROFESSIONAL CERTIFICATES/AWARDS

- Society of Actuaries: P (Probability); FM (Financial Mathematics); MFE (Models for Financial Economics); C (Construction & Evaluation of Actuarial Models); MLC (Models for Life Contingencies)

- Dean’s List (2016-2018); 2018 Scotty Tucker Memorial Scholarships & B.L. Hong Kong Scholarship for Excellence in Actuarial Science (2018)

INTERESTS

- Violin, Aerobic Gymnastics, Latin Dance

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Yichuan (Kiko) Fu

Kiko has proven talent for aligning academic strategy and objectives, and demonstrated experience spanning quantitative data analysis, financial modeling, risk management, financial auditing, & account reconciliation. She also has keen interpersonal, communication, and organizational skills, as well as budget management expertise.

EDUCATION

- Master of Financial Insurance  
  University of Toronto  
  2018 - 2019

- BMath Financial Analysis & Risk Management, Minor Statistics  
  University of Waterloo  
  2017

- Relevant Projects  
  Food delivery APP - “WhyWait”  
  Presentation Evaluation Software - “Oratio”  
  International Exchange, Kyoto University  
  April - October 2017

EXPERIENCE

- University of Waterloo  
  Teaching Assistant  
  September 2016- April 2017
  - Assessed & critiqued students’ performance in math related courses, giving constructive feedback
  - Resolved student issues & allocated between co-workers
  - Applied critical & multi-dimensional thinking to facilitate discussion & provided relevant updated knowledge

- Agricultural Bank of China, China  
  Financial Analyst (Intern)  
  March 2016- April 2016
  - Reconciled & audited monthly accounts & detailed daily operational transactions
  - Formulated budget for a disaster relief fund & aided colleagues by resolving technical problems
  - Responsible for assisting the general manager
  - Handled emergency situations effectively & planned for subsequent future events

SKILLS

- VBA, Excel, Python, MATLAB; R, Scheme

PROFESSIONAL CERTIFICATES/AWARDS

- CFA Level II Candidate  
  FRM Program: Part I November 2017; Part II May 2018

- Dean’s Honours List (2015-2016)  
  Graduate Dean’s Honours List (2017)  
  University of Waterloo President’s Scholarship (2014)

INTERESTS

- Hiking, Camping, Hot Yoga Sketching, Flute
Yaoxi (Edward) He

Edward is strong and self motivated with solid communication and interpersonal skills and a “can-do” attitude. He has a background in finance, actuarial science and statistics as well as marketing & sales. He has advanced analytical skills with a strong work ethic and great critical thinking.

EDUCATION

Master of Financial Insurance
University of Toronto
2018 - 2019

BSc Statistics & Actuarial Science
University of Toronto
2018

WeCouldData (Professional Data Science Training Camp)
SAS Programming & Python for Data Science

SKILLS

Python; R; SAS; SQL; GGY Axis; MATLAB; MS Office

PROFESSIONAL

CERTIFICATES/AWARDS

Society of Actuaries:
- P (Probability); FM (Financial Mathematics); SRM (Statistics for Risk Modeling); IFM (Investment & Financial Markets); STAM (Short-Term Actuarial Mathematics) & all VEE components
- LTAM (Long-Term Actuarial Mathematics) Sitting in April 2019

Dean’s List of Academic Excellence (2014; 2015; 2016)

Munich Re Nationwide Cup 2017 Finalist

SAS Certified Base Programmer (SAS 9)

EXPERIENCE

Munich Reinsurance, Hong Kong
Actuarial Analyst Intern
January 2018 - July 2018
- Checked spreadsheet functions, debugged & fixed Excel function & macro problems to stabilize pricing model
- Drafted the reinsurance papers for pricing review, reinsurance treaties & term sheets for reinsurance quotations
- Conducted incidence rate research, lapse rate research, market research & participated in experience study for insurance products

Bank of Guangzhou, Guangzhou
Finance Analyst Intern
July 2016 - August 2016
- Manipulated marketing data in Excel using pivot tables, conditional formatting, “IF” functions, Vlookup & Hlookup
- Examined clients’ key financial performance by assessing statements & producing credit analysis reports
- Led a team of 15 interns in drafting market insights & industry trend reports on the wealth management sector

DEC Heavy Machinery Co., Ltd., Guangzhou
Finance Analyst Intern
July 2015 - August 2015
- Performed reconciliation & detailed analysis on the liability & payable documents using Excel
- Issued the value-added tax invoice & held data of employee claims using SAP system

JNC Study Platform, Toronto
Regional Sales Manager in Canada (part-time)
September 2018 - Present
- Manage sales teams, develop sales plans, expand partnerships & sales channels & enhancing awareness in Canada

INTERESTS

Skiing, Travelling

Ziou (Howard) Huang

Howard is a self-motivated and organized student with a solid actuarial and statistical academic background. He has developed problem-solving and programming skills through work experience and is keen to apply this knowledge in the finance and insurance field.

EDUCATION

Master of Financial Insurance
University of Toronto
2018 - 2019

BMath with Distinction (Honours)
University of Waterloo
2018

Society of Actuaries:
- MLC (Models for Life Contingencies); C (Construction & Evaluation of Actuarial Models) & all VEE components

MTA: Introduction to Programming
SAS Certified Base Programmer (SAS 9)
SAS Certified Advanced Programmer (SAS 9)
MTA: Introduction to Programming using Python

Dean’s Honour List (2017)
President’s Scholarship (2014)

EXPERIENCE

Doughnut Culture & Communications Inc., Markham, ON
Assistant Marketing Data Analyst
May 2018 - August 2018
- Collected & maintained large amounts of client data using Customer Relationship Management (CRM) system
- Performed data cleaning by coding SAS statement to remove defective & missing values in the data
- Facilitated marketing decision making by manipulating multiple tables containing restaurants’ data in GTA

SavvyPro Education, Toronto
Trainee, Excel/VBA, SQL & SAS Training Program
March 2018 - April 2018
- Utilized Dynamic Charting, PivotTable & VBA to develop interactive & automated dashboards
- Leveraged different SQL solutions such as join & subquery to analyze collateral transactions
- Applied SAS macros to automate tasks such as reporting dashboards generating & risk rating comparison

International Renewable Energy Agency (IRENA)
Research Volunteer
May 2017 - August 2017
- Completed SWOT report comparing ArcGIS dataset with IRENA’s Global Atlas
- Assisted group analysis in identifying & developing cost-effective renewable power options
- Researched the IRENA’s Remap program to assess renewable energy potential on technology

Skiing, Travelling
Weijie Lin

Weijie has a thorough understanding of life insurance operations through three years work experience. He is proficient in the life insurance portion of China Risk Oriented Solvency System (C-ROSS). He is self-directed, conscientious, and methodical with excellent communication skills.

EDUCATION
Master of Financial Insurance
University of Toronto
2018 - 2019

BSc in Actuarial Mathematics
Minor in Economics
University of Pittsburgh
2015

EXPERIENCE
Pearl River Life Co. Ltd.
Senior Actuarial Analyst
• Managed company solvency and produced reports for regulation
• Analyzed and anticipated cash flow at the liability end based on modeling and definite hypothesis from empirical data
• Performed asset liability management
• Compiled actuarial tools in the company using Python

China Life Insurance Co. Ltd
Actuarial Analyst Intern
• Created, maintained and updated actuarial model
• Prepared documents for policy filing and product pricing
• Gathered and analyzed experienced data for decision making and designing of insurance products

Liberty Insurance Co. Ltd
Administrative Assistant Intern
• Created daily sales reports and monthly sales reports based on analysis of targets and reference historical data
• Generated commission statements for different divisions and departments
• Assisted in organizing a variety of company activities and marketing campaigns

SKILLS
VBA; Python; MS Office

PROFESSIONAL CERTIFICATES/AWARDS

Society of Actuaries:
P (Probability); FM (Financial Mathematics); MFE (Models for Financial Economics) & all VEE components

INTERESTS
Stock & future contract trading
Philocaly meditation

Zhen (Eva) Liu

Eva is a self-motivated student with solid analytical skills and experience in statistical analysis and operational research. She has strong research skills in data analysis and decision-making through working on various research products.

EDUCATION
Master of Financial Insurance
University of Toronto
2018 - 2019

BSc with Distinction
Major in Statistics, Minor in Commerce
University of British Columbia (UBC)
2018

BMath
Financial Mathematics
South University of Science & Technology
2015

EXPERIENCE
Sauder School of Business, UBC
Research Assistant
• Extracted, manipulated & consolidated large databases to create analytical datasets
• Performed regression analysis, made decisions based on outcomes & explored further plans
• Built stochastic models to predict condition for different situations & explained results to physicians
• Reported & edited for several research projects & one publication

SMU Life Insurance Co. Ltd
Senior Actuarial Analyst
• Managed company solvency and produced reports for regulation
• Analyzed and anticipated cash flow at the liability end based on modeling and definite hypothesis from empirical data
• Performed asset liability management
• Compiled actuarial tools in the company using Python

Fortune Securities Co. Ltd
Project Assistant
• Complied semi-annual reports for bond issuers, calculating related financial ratios, reporting firms’ performance & analyzing their financial situation
• Evaluated potential bond issuers & communicated financial details
• Researched & analyzed competitive market dynamics & trends for new product development activities
• Modeled, priced & closed two cumulative of $130 million corporate bonds

Agricultural Bank of China
Assistant Analyst Intern
• Offered & negotiated financial products & services to consumers & business customers
• Documented trade transactions and recorded in Excel

SKILLS
R; Python; MATLAB; Java; SQL; SPSS; MS Office; VBA

PROFESSIONAL CERTIFICATES/AWARDS

Society of Actuaries:
P (Probability); FM (Financial Mathematics); MFE (Models for Financial Economics) & all VEE components

INTERESTS
National second-level athlete in aerobics

Dean’s Honour List, UBC (2016-2018)
Narek Margaryan

Narek is a research oriented quantitative analyst who enjoys tackling tough intellectual challenges in fast-paced dynamic environments. He has a strong theoretical mathematical background reinforced with experience. He has also superior communication and collaboration skills and interested in building algorithmic trading strategies.

EDUCATION

Master of Financial Insurance
University of Toronto
2018 - 2019

PhD Mathematical Economics
Yerevan State University
2018

4.0/4.0

MSc (Honours) Actuarial and Financial Mathematics
Yerevan State University
2016

4.0/4.0

BSc (Honours) Actuarial and Financial Mathematics
Yerevan State University
2014

4.0/4.0

SKILLS

Python; C++; MATLAB

Fluent in Armenian, English, Russian

PROFESSIONAL CERTIFICATES/AWARDS

U of T Entrance Award (2018)

Attashes Shahinyan Scholarship (2013-2018)

Highest CGPA in Faculty (2010-2016)

Gold Medal for Excellence by the President of Armenia (2010)

INTERESTS

Eastern martial arts
(Shotokan Karate)

EXPERIENCE

ACBA Credit Agricole Bank
Lecturer
• Delivered “Data Science in Business”, “Machine Learning with Python”, “Stochastic Calculus in Finance” and “Time Series Analysis” courses for groups of up to 70 students

Institute of Applied Problems in Physics
Programmer (part-time)
• Compiled C++ executables to obtain results from measuring devices

Yerevan State University
Lecturer
• Managed risk assessment of pension fund model portfolios
• Constructed and solved constrained optimization problems using MATLAB

Central Bank of Armenia
International Risk Management Division, Intern
• Conducted market research and analysis of forward exchange contracts, cash back credit cards and transfer cards

PROFESSIONAL INTERESTS

• TEDxChaoyang cofounder;
  Vice-president of the Undergraduate Statistics Society at UBC

Jieni (Jenny) Song

Jenny is an ambitious, goal-oriented fast learner with strong time management skills, and able to work under pressure meeting tight deadlines. From a solid mathematical background, she has comprehensive knowledge in real analysis, statistical modeling and time-series analysis of finance. She also has very strong communication & interpersonal skills.

EDUCATION

Master of Financial Insurance
University of Toronto
2018 - 2019

MSc (Honours) Actuarial and Financial Mathematics
University of British Columbia
2018

SKILLS

VBA; Python; MATLAB; R; Java; C++; HTML/CSS

PROFESSIONAL CERTIFICATES/AWARDS

Society of Actuaries:
P (Probability); FM (Financial Mathematics); MFE (Models for Financial Economics)

Dean’s Honour List (2018)

1st place of the ANEA-ANSA Annual Convention National Case Competition (2017)

UBC Chancellor’s Scholar Awards (2013)

INTERESTS

TEDxChaoyang cofounder;
Vice-president of the Undergraduate Statistics Society at UBC

EXPERIENCE

Sinochem Finance Co., Ltd., Beijing, China
Intern in Credit Department
July 2017 - August 2018

BC Children’s Hospital, Vancouver
Data Analyst, Office of Pediatric Surgical Evaluation & Innovation
January 2017 - April 2017

Ernst & Young, Singapore
Actuarial Intern
May 2017 - August 2017

May 2017 - August 2017

Jenny is an ambitious, goal-oriented fast learner with strong time management skills, and able to work under pressure meeting tight deadlines. From a solid mathematical background, she has comprehensive knowledge in real analysis, statistical modeling and time-series analysis of finance. She also has very strong communication & interpersonal skills.

EDUCATION

Master of Financial Insurance
University of Toronto
2018 - 2019

MSc (Honours) Actuarial and Financial Mathematics
University of British Columbia
2018

SKILLS

VBA; Python; MATLAB; R; Java; C++; HTML/CSS

PROFESSIONAL CERTIFICATES/AWARDS

Society of Actuaries:
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1st place of the ANEA-ANSA Annual Convention National Case Competition (2017)

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Sinochem Finance Co., Ltd., Beijing, China
Intern in Credit Department
July 2017 - August 2018

BC Children’s Hospital, Vancouver
Data Analyst, Office of Pediatric Surgical Evaluation & Innovation
January 2017 - April 2017

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University of British Columbia
2018

SKILLS

VBA; Python; MATLAB; R; Java; C++; HTML/CSS

PROFESSIONAL CERTIFICATES/AWARDS

Society of Actuaries:
P (Probability); FM (Financial Mathematics); MFE (Models for Financial Economics)

Dean’s Honour List (2018)

1st place of the ANEA-ANSA Annual Convention National Case Competition (2017)

UBC Chancellor’s Scholar Awards (2013)

INTERESTS

TEDxChaoyang cofounder;
Vice-president of the Undergraduate Statistics Society at UBC

EXPERIENCE

Sinochem Finance Co., Ltd., Beijing, China
Intern in Credit Department
July 2017 - August 2018

BC Children’s Hospital, Vancouver
Data Analyst, Office of Pediatric Surgical Evaluation & Innovation
January 2017 - April 2017

Jenny is an ambitious, goal-oriented fast learner with strong time management skills, and able to work under pressure meeting tight deadlines. From a solid mathematical background, she has comprehensive knowledge in real analysis, statistical modeling and time-series analysis of finance. She also has very strong communication & interpersonal skills.

EDUCATION

Master of Financial Insurance
University of Toronto
2018 - 2019

MSc (Honours) Actuarial and Financial Mathematics
University of British Columbia
2018

SKILLS

VBA; Python; MATLAB; R; Java; C++; HTML/CSS

PROFESSIONAL CERTIFICATES/AWARDS

Society of Actuaries:
P (Probability); FM (Financial Mathematics); MFE (Models for Financial Economics)

Dean’s Honour List (2018)

1st place of the ANEA-ANSA Annual Convention National Case Competition (2017)

UBC Chancellor’s Scholar Awards (2013)

INTERESTS

TEDxChaoyang cofounder;
Vice-president of the Undergraduate Statistics Society at UBC

EXPERIENCE

Sinochem Finance Co., Ltd., Beijing, China
Intern in Credit Department
July 2017 - August 2018

BC Children’s Hospital, Vancouver
Data Analyst, Office of Pediatric Surgical Evaluation & Innovation
January 2017 - April 2017

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**Paola Tolentino Torchio**

Paola is passionate and self-motivated with strong problem-solving and leadership skills. Eager to apply knowledge obtained through academic study, continuous education programs and work experience in the insurance and finance industry.

**EDUCATION**
- Master of Financial Insurance
  - University of Toronto
  - 2018 - 2019

**PROFESSIONAL CERTIFICATES/AWARDS**
- Summa cum Laude BSc Economics
  - Pontificia Universidad Católica Madre y Maestra, Dominican Republic
  - 2012

**EXPERIENCE**
- Worldwide Seguros, Dominican Republic
  - Actuarial Manager
    - April 2017 - July 2018
  - Developed new products & respective technical notes for decision making & identification of critical variables related to business profitability that led to new reinsurance agreement for Major Medical Portfolio
  - Participated in the Holding’s Valuation Model (FCF) & Internal Risk Model (Solvency II) development team
  - Supervised team & responsible for training incoming analysts

- Worldwide Seguros, Dominican Republic
  - Senior Actuarial Analyst
    - April 2015 - March 2017
  - Developed new products & respective technical notes (Major Medical: Term Life: Endowment Insurance)
  - Proposed loss ratio projections as part of quarterly Reinsurer’s Business Review & Annual Risk Ratings Update
  - Leader of Reinsurance & Finance & Accounting modules in Core System Implementation project

**PROFESSIONAL CERTIFICATES/AWARDS**
- Solvency II - Panama Association of Actuaries (AAP) 2017
- Leading People & Teams, University of Michigan (coursera.org) 2017
- Big Data & Analytics - Integral Training Solutions 2016
- Life Insurance Administration Certification, Swiss Re Academy Switzerland 2015
- Introduction to Finance, University of Michigan (coursera.org) 2012

**SKILLS**
- MATLAB; R Excel; VBA; MS Office
- Language: Spanish & English

**INTERESTS**
- Tennis, Movies
- Volunteer: Un techo para mi Pais (NPO)

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**Hersh Stark**

Hersh has a strong quantitative foundation with computing, mathematical and analytical competencies. He has a deep interest in financial markets and investing. He is inquisitive with a team-focused working style and is a Chartered Financial Analyst (CFA) candidate.

**EDUCATION**
- Master of Financial Insurance
  - University of Toronto
  - 2018 - 2019

**EXPERIENCE**
- University of Toronto, Department of Medical Imaging Data Science Unit
  - Artificial Intelligence Lead
    - May 2018 - August 2018
  - Organized multiple artificial (AI) projects simultaneously, managed groups of 4-6 participants & mentored 2 students to gain valuable leadership experience
  - Pitched & demonstrated a new graphical AI software tool to a group of 40-60 attendees explaining technical concepts in simple terms
  - Built an applied AI toolbox that is extendible to financial applications
  - University of Toronto, Department of Medical Imaging Data Science Unit
    - Database Manager
      - September 2017 - April 2018
      - Engaged database end-users to identify flaws & missing functionality & proposed solutions
      - Implemented improvements to database to improve & expand functionality
      - Solved problems involving raw data integration into existing database architecture
  - University of Toronto, Department of Medical Imaging Data Science Unit
    - Artificial Intelligence Volunteer
      - May 2017 - August 2017
      - Applied theoretical AI concepts in a real-world problem-solving context moving from theory to practice
      - Engaged & fostered a relationship with an international collaborator, leading to further collaborative initiatives

**SKILLS**
- MATLAB; R; Excel; Access; Interaction with financial API’s; Bloomberg Terminal

**INTERESTS**
- Automated investing
- Computer hardware systems
- Automotives, Tennis

**PROFESSIONAL CERTIFICATES/AWARDS**
- CFA Level I Candidate

**EDUCATION**
- BSc Honours
  - Statistics & Biochemistry
  - Minor Mathematics
  - Pontifica Universidad Católica Madre y Maestra, Dominican Republic
  - 2012

**INTERESTS**
- Tennis, Movies
- Volunteer: Un techo para mi Pais (NPO)
Yu (Karen) Wang

Karen is energetic and self-motivated and has a strong data analysis ability including writing and interpreting R code. She also has excellent written and verbal communication skills, leadership and great team spirit with diverse groups. Skilled in time management, she thrives working under pressure and prioritizing tasks in a fast-paced environment.

EXPERIENCE

China Pacific Life Insurance Co., Ltd.
Actuarial Intern

- Coordinated a cross-functional team to collect & analyze data for major auto insurance products with actuarial models
- Conducted sensitivity analysis of profit and present the results to internal and external business partners

PROFESSIONAL CERTIFICATES/AWARDS

Society of Actuaries:
P (Probability); FM (Financial Mathematics); MFE (Models for Financial Economics); all VEE components

University of Waterloo Faculty of Mathematics Scholarship

University of Waterloo President’s Scholarship

INTERESTS

Foil Fencing; Drawing; Running; Guitar

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Ziyue (Abel) Wang

Abel is a self-starter who takes initiative, responsibility and ownership of his responsibilities. He is detail oriented with solid analytical skills and critical thinking. A great team player with excellent communication and interpersonal skills.

EXPERIENCE

China Pacific Life Insurance Co., Ltd.
Actuarial Intern

- Developed stochastic model to forecast quarterly seasonally adjusted Canadian GDP in ARIMA
- Utilized R in fitting regression, producing statistics & generating diagnostic plots
- Interpreted R output to check linear model assumptions including autocorrelation & heteroscedasticity

Equity Research Report on Sherwin-Williams, University of Waterloo

- Conducted Discounted Cash Flow Valuation & Comparable Analysis
- Analyzed historical financial performance & forecasted its future performance
- Generated an equity research report including financial, business & investment risks analysis

PROFESSIONAL CERTIFICATES/AWARDS

Society of Actuaries:
P (Probability); FM (Financial Management); all VEE credits

SAS Certification for Base Programmer for SAS 9

Lotus Education Group, Associate Business Analyst

- Assisted the Business Analyst with daily operations & worked in coordination with Product Management to identify possible opportunities
- Collaborated with senior management in preparation of reports for internal conferences
- Led a team of 15 interns on the monthly newsletter, assigned duties & supervised work

INTERESTS

Co-Founder McMaster Sports Betting Club; Piano; European History
Jiayan (Janelle) Yang

Jiayan has a solid foundation of statistics knowledge and building models with a passion for numbers. She has strong analytical and problem-solving abilities and trustworthy to work well independently or in a team. She is detail-oriented, time efficient, conscientious and enthusiastic.

**EDUCATION**

Master of Financial Insurance
University of Toronto
2018 - 2019

BSc with Distinction
Statistics & Minor of Arts
University of British Columbia (UBC)
2018

**EXPERIENCE**

Speed Up Education, BC
Statistics Tutor
- Taught introductory statistics, probability and methods of estimation & hypothesis testing
- Resolved & answered a questions from students
- Designed & prepared weekly quizzes to enable students to practice their knowledge

University of British Columbia
Modeling & Predicting Vancouver Real Estate Housing Price
- Built & compared different models including linear regression, elastic net, kernal regression, random forest and bagging with trees using interested explanatory variables to predict housing prices and compared them with mean square prediction error

University of British Columbia
Modeling of Movie Ratings
- Ran a factorial experiment and used linear model and ANOVA to make statistical inferences about different factors for mobile phone receptions

**SKILLS**

R; Python; Java; MATLAB

**PROFESSIONAL CERTIFICATES/AWARDS**

Society of Actuaries:
P (Probability)

Dean’s Honours List, UBC (2016)

**INTERESTS**

Founder & Leader of MissM Dance Crew
Piano (15 years to Level 10: China Conservatory of Music)

Xiaopan Yuan

Xiaopan has a comprehensive understanding of machine learning algorithms, especially in a finance related setting. He has proven interpersonal and communication skills and an indepth understanding of financial and statistical concepts: portfolio optimization, fixed income analysis, option pricing, and actuarial models.

**EDUCATION**

Master of Financial Insurance
University of Toronto
2018 - 2019

BASc Engineering Science
Mathematics, Statistics & Finance
University of Toronto
2018

**EXPERIENCE**

CIBC, Toronto
Performance Testing Analyst
- Developed & implemented a unified, automated architecture for distributing capacity usage, applicable across digital banking platform
- Tested & maintained the server capacity status for new digital banking releases & improved the user experience
- Organized & led the trouble shooting group of 5 teams working with a tight time constraint for project releasing

CPP Investment Board, Toronto
- U of T Capstone Project Researcher
- Designed & developed an integrated portfolio simulation tool for total portfolio team, to explore dynamics of the evolution of any given portfolio through time
- Implemented methodologies to model uncertainty in the timing & size of different types of asset movements, making framework user-friendly, flexible, modular & robust
- This tool was able to perform daily rebalancing leading to risk exposure analysis of current portfolio

CFA Level II Candidate

**SKILLS**

C/C++; Python; Java; MATLAB; R; SQL; Excel

**PROFESSIONAL CERTIFICATES/AWARDS**

CFA Level II Candidate

**INTERESTS**

Executive member in U of T Engineering Financial Association

Jiayan (Janelle) Yang

Jiayan has a solid foundation of statistics knowledge and building models with a passion for numbers. She has strong analytical and problem-solving abilities and trustworthy to work well independently or in a team. She is detail-oriented, time efficient, conscientious and enthusiastic.

**EDUCATION**

Master of Financial Insurance
University of Toronto
2018 - 2019

BSc with Distinction
Statistics & Minor of Arts
University of British Columbia (UBC)
2018

**EXPERIENCE**

Speed Up Education, BC
Statistics Tutor
- Taught introductory statistics, probability and methods of estimation & hypothesis testing
- Resolved & answered a questions from students
- Designed & prepared weekly quizzes to enable students to practice their knowledge

University of British Columbia
Modeling & Predicting Vancouver Real Estate Housing Price
- Built & compared different models including linear regression, elastic net, kernal regression, random forest and bagging with trees using interested explanatory variables to predict housing prices and compared them with mean square prediction error

University of British Columbia
Modeling of Movie Ratings
- Ran a factorial experiment and used linear model and ANOVA to make statistical inferences about different factors for mobile phone receptions

University of British Columbia
Modeling of Movie Ratings
- Conducted residual analysis, variable selection based on adjusted R-squared and Cp statistics, as well as cross-validation, and found the best linear model for data of movie ratings

**SKILLS**

R; Python; Java; MATLAB

**PROFESSIONAL CERTIFICATES/AWARDS**

Society of Actuaries:
P (Probability)

Dean’s Honours List, UBC (2016)

**INTERESTS**

Founder & Leader of MissM Dance Crew
Piano (15 years to Level 10: China Conservatory of Music)
Zehao (Nico) Zhang

Nico has a comprehensive understanding of portfolio optimization, machine learning, financial modeling and statistical models. He has an engineering mindset and is a self-motivated, results-driven team-player with excellent interpersonal and communication skills.

EXPERIENCE

• Senior Analyst Intern - Stress Testing, TD Bank, Toronto
  • Build asset spread forecast challenger model with BlackRock & conducts parallel quantitative analysis with champion model
  • Perform portfolio rebalancing strategies & ad-hoc analysis of $100B+ investment portfolio during stress testing

• U of T Capstone Researcher, CPP Investment Board, Toronto
  • Created a portfolio simulation model that incorporates uncertainties in market condition & private deals to maximize sustained long-term returns, with considerations on allocation dynamics associated with asset liquidity

• Business Systems Analyst, Royal Bank of Canada, Toronto
  • Worked with analysts & clients to establish business requirements; translated findings into information technology requirements such as user-interface specifications, use cases & system processes

• Supply Chain Analyst, Mississauga
  • Scheduled supply production planning with capacity, seasonality & material constraints & assigned replenishment to multiple centres with an overall fill rate of 99.7%

• VP of UT&FUN, University of Waterloo
  • Worked with analysts & clients to establish business requirements; translated findings into information technology requirements such as user-interface specifications, use cases & system processes

• Teaching Assistant, University of Waterloo
  • Tutored undergraduate students calculus & statistics assignments by reinforcing material from lectures for better comprehension of course materials

SKILLS

• Python; MATLAB; C++; Java; SQL; VBA; R

CERTIFICATES/AWARDS

• Financial Engineering and Risk Management Certificate, Columbia University 2017
• CFA Level II Candidate
• FRM Part II Candidate
• Dean's Honours List (2014-2018)

PROFESSIONAL

• Business Systems Analyst, Royal Bank of Canada, Toronto
  • Worked with analysts & clients to establish business requirements; translated findings into information technology requirements such as user-interface specifications, use cases & system processes

• Teaching Assistant, University of Waterloo
  • Tutored undergraduate students calculus & statistics assignments by reinforcing material from lectures for better comprehension of course materials

• VP of UT&FUN, University of Waterloo
  • Worked with analysts & clients to establish business requirements; translated findings into information technology requirements such as user-interface specifications, use cases & system processes

• Math Open House Ambassador, Volunteer
  • Established leadership skills by assigning jobs to volunteers based on their expertise to improve work efficiency

• VP of UT&FUN, University of Waterloo
  • Worked with analysts & clients to establish business requirements; translated findings into information technology requirements such as user-interface specifications, use cases & system processes

• Teaching Assistant, University of Waterloo
  • Tutored undergraduate students calculus & statistics assignments by reinforcing material from lectures for better comprehension of course materials

• VP of UT&FUN, University of Waterloo
  • Worked with analysts & clients to establish business requirements; translated findings into information technology requirements such as user-interface specifications, use cases & system processes

• Math Open House Ambassador, Volunteer
  • Established leadership skills by assigning jobs to volunteers based on their expertise to improve work efficiency

INTERESTS

• Travel, Photography, Music, Investment, Swimming, Cooking

Jia Zhou

Jia is an exceptional, high achieving student who has excellent communication and interpersonal skills. She has demonstrated ability to synthesize complex information and communicate it in simple terms. She specializes in statistics modeling, quantitative risk management, insurance pricing/reserving and loss modeling.

EXPERIENCE

• Master of Financial Insurance, University of Toronto 2018 - 2019
• BMath with Distinction, Actuarial Science/Finance Option, Honours Statistics, Honours CGPA 4.0/4.0, University of Waterloo 2018

SKILLS

• R; Excel; MATLAB; LaTeX

CERTIFICATES/AWARDS

• Certificate in Mathematics and Law (CML), University of Waterloo 2016-2017
• P (Probability); FM (Financial Economics); MLC (Models for Life Contingencies); C (Construction & Evaluation of Actuarial Models) & all VEE components (Reimbursement from SOA for Excellence)
• W. McLeish Memorial Scholarship for Excellence in Probability (2017), Dean's Honour List (2014-2016), University of Waterloo President's Scholarship (2014)

INTERESTS

• Zumba, Hot Yoga, Ballroom Dance

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Zhiyuan (Evan) Zhou

Evan is experienced in statistical modeling – regression, logistic regression, cluster, sampling, Monte Carlo Simulation, ANOVA. He also has research experience focusing on value added of smart beta on traditional portfolios and experience as a financial analyst on an investment competition team.

EDUCATION

Master of Financial Insurance
University of Toronto
2018 - 2019

BSc: Mathematical Applications in Economics & Finance Specialist
Statistics Specialist
Minor in Economics
University of Toronto
2018

SKILLS

R; R Markdown; SAS; Python; Excel; SQL; VBA; MATLAB

EXPERIENCE

University of Toronto
Research Assistant (Luis Seco)
The value add of smart beta & liquid alternatives to traditional portfolios: an empirical study
- Collected data of traditional bonds, stocks & hedge funds from Yahoo Finance & HFRX; Processed & recombined the data into different portfolios with Excel
- With a team member, created efficient frontiers & omega curves for different portfolios in R & Excel using the collected data
- Compared the differences of efficient frontiers and omega curves for different portfolios to see the effect of smart betas; Compared the graphs for the same portfolio in three-time-intervals (before/during/after financial crisis) & explore what changed during the financial crisis

CUIG ( Nationwide Investment competition Team), U of T September 2016-
Financial Analyst
- Determined buy & sell points for stocks based on golden point rule & other indicators using R & Python
- Created scoring systems for M&A strategies by collecting data of different indicators (such as P/E ratio) & processing the data using Excel and R

Teaching Assistant
- Collaborated with the Professor & marked twice weekly tests for a second-year linear algebra course
- Instructed over 100 students in weekly tutorials & responded to student queries through office hours & email

INTERESTS

Using Science for Organizational change, U of T (January-May 2016)
Team Member Alphasolution, U of T (April 2017 - current)

PROFESSIONAL CERTIFICATES/AWARDS

SAS Certified Base Programmer
CFA Level I Candidate
New College Exceptional Scholar Award (2016)
U of T Dean’s List (2017)

Fei (Sophie) Zong

Fei has an exceptional background in quantitative analytical techniques and a strong interest in portfolio optimization and risk management. She also has hands-on experience on fundamental equity research and technical analysis and has passed the Chartered Financial Analyst, Level 1.

EDUCATION

Master of Financial Insurance
University of Toronto
2018 - 2019

MSc in Applied Mathematics
University of Alberta (UA)
2018
Thesis Project: Research on uncertainty of a nonlinear stochastic model with numerical analysis and Monte Carlo simulations

BSc in Mathematics (Honours)
University of Prince Edward Island / Sichuan University (Exchange Program)
2016

SKILLS

MATLAB; R; Python; VBA; Java; Bloomberg; Capital IQ

EXPERIENCE

Zhong De Securities Co., Ltd., (JV of Deutsche Bank), Beijing June 2018-
Equity Research Analyst
- Focus on Technology, Media & Telecommunications (TMT) industry analysis; perform daily market analysis and data extraction through Capital IQ and Bloomberg terminal
- Research on buyback strategies and their influences on stock prices and multiples for North American technology sector. Investigate the rationality for managements to conduct insider trading decisions
- Select and implement valuation models to estimate the market value for MEITUAN-DIANPING, a company that filed for IPO recently in Hong Kong

MacEwan University, Edmonton, Alberta May 2017-
Graduate Research Assistant
- Presented results at the Fields Institution in September 2018
- Analyzed experimentation raw data & built stochastic model using programming languages MATLAB and R
- Performed regression for parameters estimation, model validation & Monte Carlo simulations

Huilong Zhongchen Asset Management, Qingdao, China May 2016-
Summer Intern
- Sought potential investors through contacts
- Data gathering & analysis using Excel, took part in weekly team discussion & assisted writing semi-annual report
- Assisted the Private Equity department in a private placement case
Meet Our Alumni

“I am currently working at Munich Re and my time at U of T was nothing but an unforgettable experience. I am highly thankful for the depth of knowledge the MFI program has armed me with. I had a great opportunity to take classes from highly knowledgeable people, which made the learning process enjoyable and easier. The MFI program is a network of people and ideas from varying cultures which has helped me delineate myself and propel my career forward. It is a privilege to be part of such a great program.”

Adrien Brice Nouya, MFI 2017

“Before joining MFI, I graduated from UofT with a bachelor degree in Statistics and Quantitative Finance. MFI program allowed me to develop deeper thinking and explore ideas regarding a field that really interests me – finance. In additional to strong academic support, MFI also organized a variety of extracurricular activities and meetings; hearing from guest speakers and lecturers ensured plenty of opportunities to gain industrial insights and engage with my knowledge from multiple angles. I am currently working at the Total Portfolio Management department at Canada’s largest pension fund, CPPIB. And now, I can say with confidence, that MFI better prepared me for my career.”

Yiwen (Sophia) Zhang, MFI 2017
MFI Ambassador Award Recipient 2017

“Before joining MFI, I graduated from UofT with a bachelor degree in Mathematics and Statistics at UofT, and having come out with lots of knowledge, but very little work experience, I realized that I need a stepping stone before I am able to join the industry, and MFI program seemed like an ideal choice. Throughout the program I gained many invaluable skills, through more advanced coursework, seminars and lectures given by industry experts and through working through real-life problems, both individually, and together in groups with my fellow classmates. Now I work in TD’s Model Validation team, feeling that MFI did indeed give me the help that I needed so much, in order to have a more productive and successful career.”

Alexey Pakhuchiy, MFI 2017

“Before joining MFI, I graduated from UofT with a bachelor degree in Mathematics and Statistics at UofT, and having come out with lots of knowledge, but very little work experience, I realized that I need a stepping stone before I am able to join the industry, and MFI program seemed like an ideal choice. Throughout the program I gained many invaluable skills, through more advanced coursework, seminars and lectures given by industry experts and through working through real-life problems, both individually, and together in groups with my fellow classmates. Now I work in TD’s Model Validation team, feeling that MFI did indeed give me the help that I needed so much, in order to have a more productive and successful career.”

Yiwen (Sophia) Zhang, MFI 2017
MFI Ambassador Award Recipient 2017

“Before joining MFI, I graduated from UofT with a bachelor degree in Mathematics and Statistics at UofT, and having come out with lots of knowledge, but very little work experience, I realized that I need a stepping stone before I am able to join the industry, and MFI program seemed like an ideal choice. Throughout the program I gained many invaluable skills, through more advanced coursework, seminars and lectures given by industry experts and through working through real-life problems, both individually, and together in groups with my fellow classmates. Now I work in TD’s Model Validation team, feeling that MFI did indeed give me the help that I needed so much, in order to have a more productive and successful career.”

Alexey Pakhuchiy, MFI 2017
Our 2018 MFI Award Recipients

Moriah Yu graduated from the University of Hong Kong. She chose the MFI Program for its tight connection with the industry and is currently working as an Actuarial Programmer with Moody’s Analytics.

“MFI taught me to be confident and strong in networking and communication, deep and diversified knowledge, and to keep pace with the new development frontier of the financial market and relevant technologies.”

Meng (Moriah) Yu, MFI 2018
MFI Academic Achievement Award Recipient 2018

Irina Zhang graduated from the University of Waterloo and is working for Moody’s Analytics as an Actuarial Programmer. She chose the MFI Program as the courses are designed to combine with real world problems and followed up with the industry-leading trends and topics.

“The program taught me to jump out of my comfort zone and challenge myself... I really enjoyed my experience with the MFI program and appreciate this unique opportunity to explore and improve myself from distinctive perspectives.”

Naibing (Irina) Zhang, MFI 2018
MFI Ambassador Award Recipient 2018

Lisa Sun graduated from the University of Hong Kong and is working as a quantitative intern at Great-West Life. She chose the MFI Program to have more exposure in the Finance world, but still with some concentration on the insurance industry which fits her background.

“I am applying what I have learnt in MFI program, both the quantitative skills as well as soft skills, into practice. Therefore, I am really grateful of the experience in MFI!”

Jiating (Lisa) Sun, MFI 2018
MFI Business Acumen Award Recipient 2018
If you are interested in collaborating with the Masters of Financial Insurance program, or wish to receive the full resume of any of the students in the profile, the MFI Team would be delighted to hear from you!

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