Xiaotong (Xavier) Ding, MA, FRM
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EDUCATION

Rotman School of Management, University of Toronto, Toronto, Ontario
MBA Candidate, 2021

- Rotman Entrance Scholarship, $20,000
- Excellent academic performance (A+) in Economics, Data Analysis, SQL and Python analysis & visualization
  - Qualified National Top 10, Data VizArt Student Challenge – Built data dashboard and visualization, 2020
  - 2nd Place, TD Securities Risk Case Challenge – Created Banking and Financial Risk Scorecard, 2019
- Member of Rotman Risk Management, Business Analytics, and Business Technology Associations
- Current elective courses: Options and Futures Market, Social Intelligence Management, Negotiations and Creativity
  - Knowledge of Eurpoean and American options, synthetic options, interest rate agreements, futrues, forwards, swaps, etc

Columbia University in the City of New York, New York, USA
Master of Arts in Statistics, 2014

- Specialization in general statistics, data science, and financial mathematics; skillful developer in R

Financial Risk Manager - Global Association of Risk Professionals, Jersey City, USA, 2019
Basel III Charter, Credit Risk parameters (PD, EAD and LGD) modeling, Risk-Weighted
Asset calculation, Basel II AIRB approach, Model risk estimation

Passed CFA Level I - CFA Institute, Charlottesville, USA, 2015

Fudan University, Shanghai, China
Bachelor of Science in Information and Computational Science, 2013

- Specialization in calculus, linear algebra, numerical analysis, and computer programming
- Exchanged with Georgetown Univeristy, York University and the University of Tokyo for academical visit

EMPLOYMENT EXPERIENCE

Shanghai Amarsoft Information and Technology Co., Ltd, Shanghai, China
Listed small-cap FinTech startup focusing on credit risk control and big-data analysis system for banks in China
Consulting Specialist, 2018 – 2019

- **Product Management** - Envisioned future of AI for CTO and led deployment of company's Big Data cloud computational platform in Python
- Recruited, managed, and mentored a team of 4 to build back-end Python-based machine learning computational engine; coordinated deployment of front-end web interface

American International Group (AIG) Shanghai Analytical Center, Shanghai, China
Risk Analyst II, 2017 – 2018 (**Risk Analyst I**, 2016 – 2017, **Quantitative Analyst I**, 2015 – 2016)
Financial Risk Modeling

- Developed Python model for Internal Capital risk factors scenario analysis shortening time by 67%
- Managed risk data Oracle SQL database, automated process and reduced data redundacy by 50%
- Analyzed company's risk indicators using Monte-Carlo simulation and coupla methods
- Coordinated deployment of front-end web portal

Quantitative Financial Analysis

- Validated an ALM model in SQL and C# by automating of 3 steps; reduced operational errors by 75%
- Developed Australia Trustee Report data management tool resulting in efficiency improvement by 100% in C#
- Built automated U.S. Agency RMBS cash flow analysis model, reduced time by 50% in VBA and SQL

CRISIL Irevna (Part of S&P), Hangzhou, Zhejiang, China
Senior Quantitative Analyst, 2015

- Validated cash flow analysis models in diversified payment rights, RMBS, and tobacco collateral using MATLAB

Standard and Poor's (S&P) Ratings Services, New York, USA
Associate – Fall Intern, 2014 - 2015 (full-time offer and transferred to Crisil Irevna)

ADDITIONAL INTERESTS AND ACHIEVEMENTS

- Excellent developer in Python, Excel, VBA, SQL, C#, MATLAB, R, Tableau, advanced user in Linux, C++ and SAS
- Senior member of Toastmasters International; Vice President of company's public speaking club; managed club's blog