

JINGYUAN ZHANG

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EDUCATION BACKGROUND

National University of Singapore

08-2017- Present

- **Major:** MSc Financial Engineering
- **Courses:** Stochastic calculus and quantitative methods, Financial Econometrics, C++ in financial engineering, Derivatives and fixed income, Risk analysis and management, Term structure and interest rate derivatives, Programming and numerical methods
- **Risk management project based on C++:** Upgraded a simplified risk management system include adding date test, change interest rate from constant to time period-dependent, adding PV01 and Greeks calculation, adding one more product type
- **Research about Singapore and Hong Kong housing market based on R:** fit the 4 housing index data (both condo and HDB for Singapore and Hong Kong) with arima model with heteroscedasticity and adopt rolling-window technique in regression analysis on the factors explaining for the possible difference between the housing markets

University of Nottingham, Ningbo, China (UNNC)

09/2013-07/2017

- **Major:** BSc (Hons) Finance, Accounting and Management **GPA:** 3.63/4.0
- **Award:** Head's Scholarship (20%) in freshman year; Dean's Scholarship (10%) in sophomore year; Nottingham Advanced Award
- **Courses:** Financial Analysis, Financial Reporting, Financial Markets, Quantitative Methods
- **Financial Analysis Project:** analyzed McCormick both quantitatively and qualitatively and forecast its financial condition through the 3-statement financial modelling and concluded an accurate investment recommendation for investors
- **Database Design and Implementation Project:** proposed a database system to facilitate data recording, processing and storage for the chain café; Information from the database can also be used for business intelligence purposes, enhancing the company's understanding of the business and corresponding strategy adjustments

Copenhagen Business School

International Exchange Program Member

09/2015-12/2015

- **Strategic management project:** Performed market analysis to forecast profit growth and recommend future strategies for Estee Lauder company
- **Award:** Chinese Government Scholarship

RESEARCH & INTERNSHIP EXPERIENCE

University of Nottingham, Ningbo, China (UNNC)

Research Assistant

04/2016-10/2016

Environmental performance of enterprises

- Reached out to financial personnel of 34 companies and successfully collected the financial reports for analysis purpose
- Performed analysis on the correlation of the financial conditions and the environmental impact of these companies
- Presented findings of the environmental performance to the professor for further academic research

Qilu Securities, Beilun Branch Office

Assistant Analyst

07/2015-08/2015

- Analyzed the financial condition of the ETF companies and forecast stock prices for 2 months using stata and prepared research reports for senior analysts
- Successfully retain existing customers and effectively attracted more than 20 new customers with in 1 week through roadshow promotion during financial crisis

Dymon Asia Capital, Singapore

Risk and Data Analysis Intern

08/2018-

- Monitor risk and generated daily risk reports for Macro, Equity, Rates, FX and etc (mainly on market risk) and report to senior risk analysts for further analysis
- Maintain, add new feature to and consolidate the company's existing risk management system
- Apply VBA and SQL codes to improve the efficiency of the system and analyze risk data

EXTRA-CURRICULAR ACTIVITIES

Nottingham University Business School, UNNC

Professional Community Member

03/2015-05/2015

- Creatively developed marketing strategies to attract 23 new members
- Organized sharing sessions for 15 groups and 13 managers to exchange ideas

Student Career Development Association (SCDA), UNNC

Vice president of Project Office

09/2013-06/2015

- Planned association recruitment for 2 years and admitted 36 members
- Organized 2 Summer Internship Competitions, providing more than 50 internships for students

Career Development Office (CDO), UNNC

Preparatory Member for Internship Fair

03/2014-05/2014

- Liaised with more than 40 companies to obtain employer feedback and promoted future partnership opportunities
- Organized UNNC Spring Internship Fair Invitation and followed up with later issues

VOLUNTEER EXPERIENCE

China Debate Camp

07/2014

- Arranged accommodation for more than 100 participants for 2 weeks

Lardinguish Primary School, Mirge Village, Nepal

07/2014-08/2014

- Spearheaded a volunteer teaching program in Nepal
- Led a group of 18 volunteers to provide teaching service for more than 100 underprivileged students in Nepal for 1 month

SKILLS AND INTERESTS

- **Software and programming skills:** MS Office, VBA, SQL, Octave, Photoshop; C++, R (Basic); Python, Tableau (Learning);
- **Language:** Chinese (Native); English (Fluent); French (Basic)
- **Professional certificates:** ACCA Exams: all pass; FRM Level 2 candidate; CFA Level 2 candidate
- **Interest:** Yoga, Workout, Painting, Table Tennis