Aixi Zhang

Address: 1760 Broadway St., Ann Arbor, MI, 48105

Mobile: 734-780-9009 Email: aixi@umich.edu

EDUCATION

University of Michigan, Ann Arbor Ann Arbor, MI

M.S in Quantitative Finance & Risk Management Sep. 2016- Dec. 2017

- Course Highlights: Discrete State Stochastic Processes, Stochastic Analysis for Finance, Statistical Analysis of Financial Data, Applied Statistics, Machine Learning, Computational Finance, Data Mining, Numerical Analysis with Financial Applications, Fixed Income, Financial Derivatives in Corporate Finance: Managing Risk and Creating Value

Wuhan University, Economics and Management School Wuhan, China

B.S in Finance Sep. 2012- Jun. 2016

- Honors: 2013-2014: Third Prize Scholarship (rank 9/61) ; 2014-2015: Second Prize Scholarship (rank 5/53);
  2016: Outstanding Graduate （TOP 10%）
- Course Highlights: Financial Engineering, Ordinary Differential Equation, Data Analysis Statistical Methods (based on SAS), Time Series Analysis, Topology, Database Technology and Application, Stochastic Calculus for Finance

WORK EXPERIENCE

Morgan Stanley Huaxin Fund Management Company Shenzhen, China

Financial Risk Management Analyst May 2017-Aug.2017

- Constructed a VBA based system to conduct daily stress testing automatically of private funds for fund managers.
- Built an Excel based software for cross-platform computational analysis (e.g. lot winning rate for new stocks) required by Research Department using VBA, R, SQL Server, etc.
- Applied Brinson sector-based attribution model to evaluate monthly performances of funds and fund managers for investors.
- Developed a performance appraisal of quantitative funds via Fama-French three factors modeling.

University of Michigan, Ann Arbor, Ross School of Business Ann Arbor, MI

Research Assistant Mar. 2017-May 2017

- Participated in a research project about Euro dollar futures pricing.
- Summarized key points in related research publications from esteemed academic resources (e.g. Mathematical Finance).

Statistics Bureau of Henan Province Zhengzhou, China

Assistant Analyst Jul. 2015- Sep. 2015

- Used cluster analysis and principal component analysis to determine 10 main macroeconomic indicators.
- Studied random effects model and random forest model to find the quantitative relation between GDP growth and macroeconomic indicators.
- Identified the incongruous statistical indicators with regional GDP growth through variable sensitivity analysis.
- Participated in various seminars on coordination relations between regional GDP growth and relevant statistical indicators.

RESEARCH EXPERIENCE

Backtesting Expected Shortfall Project Ann Arbor, MI

Postgraduate student researcher Jan.2017-now

- An on-going project aims to implement an alternative solution addressing shortcomings of VaR in risk management.
- Python and C++ will be used as prototyping language

China Gazetteer Project organized by Harvard University Wuhan, China

Group Leader Mar. 2015- May 2015

- Conducted a research project to utilize Logit discrete choice model with multivariate regression to estimate the effects of various factors (collected from county annals) on the agricultural production trends in Heilongjiang Province.

OTHER

- Computing skills: R, Python, MATLAB, SAS, VBA, SQL Server, etc.
- BMC Certificate
- Coursera Course Certificate: Python Data Structure, Using python to access web data.

BOYAN CHENG

Address: 1760 Broadway St Apt.N213, Ann Arbor, MI 48105
Email:bycheng@umich.edu **Mobile:** (734)353-1832

EDUCATION

University of Michigan Ann Arbor, MI

- Master of Science in Quantitative Finance and Risk Management Aug. 2016-
  Coursework: Financial Mathematics, Stochastic Processes, Numerical Analysis, Statistics

Wuhan University Wuhan, China

- Bachelor of Economics in Financial Engineering, GPA: 88/100 Sep. 2011-Jun. 2015
  Coursework: Financial Economics, Stochastic Analysis, Fixed Income Securities, Financial Derivatives, Corporate Finance, Time Series Analysis
- Bachelor of Science in Mathematics and Applied Mathematics, GPA: 85/100 Sep. 2011-Jun. 2015
  Coursework: Optimization Theory& Methods, Numerical Solutions of Partial Differential Equations
- Outstanding Undergraduate Student (Top 10%)
- Three consecutive years of Wuhan University Merit Scholarship

PROFESSIONAL EXPERIENCE

Bosera Asset Management Shenzhen, China
Research Assistant Intern, Passive and Quantitative Investment Department Mar. 2016-May 2016

- Learnt bootstrapping and Nelson-Siegel bond interest models for bond pricing
- Participated in the daily meeting in regard to quantitative methods research and gained exposure to time optional and multi-factors trading strategies

Tianfeng Futures Wuhan, China
Research Assistant Intern, Research Department Jan. 2015-Apr. 2015

- Conducted research on price volatility of 50ETF, calculated implied volatility of 50ETF options using BSM model, and organized the price and volatility data of 50ETF options
- Developed stock selection model using financial statement analysis and DuPont analysis

Guosen Securities Shenzhen, China
Research Assistant Intern, Financial Engineering Department Jul. 2014-Aug. 2014

- Researched internet securities business by comparing the representative companies in US and Japan
- Performed weighted factor analysis to construct portfolio on event-driven trading using a scoring system

RESEARCH

Influence of Monetary Policy on the price volatility of stock and options market Dec. 2014-May 2015

- Organized the data of RMB deposit reserve ratio, deposit, and loan benchmark rate over 5 years
- Conducted VECM and simulated the volatility according to the known monetary policy
- Compared the simulated volatility with implied volatility and provided trading strategies

Analysis and Empirical Test of Earnings Management Based on Jones Model Dec. 2014-May 2015

- Structured 9 multiple regression models using over 6,000 samples of three industries of listed company
- Concluded the relationship between accruals and financial reports via the estimation of coefficient
- Evaluated the levels of operational accrued profit between different industries

Calculate Ratio of the Optimal Futures Hedging May 2014

- Computed the ratio of hedging between Silver spot and futures via OLS, ECM and ECM-BGARCH
- Compared the hedge efficiency of different hedge strategies by variance of changes in portfolio prices

LEADERSHIP EXPERIENCE

Vice Chairman, Career Guide Department of Youth Development Service Center Sep. 2012-Jun. 2013

- Held 8th Recruitment Meeting with over 60 enterprises offering over thousands of vacancies, managed promotion of event and on-site coordination
- Awarded Outstanding Vice Chairman and Active Participant in Social Activity

SKILLS

- **Computing skills:** Eviews, SAS, C&C++ language, R ,Matlab, and Python.

Wen Li

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(734)780-9058| clarali@umich.edu

EDUCATION

University of Michigan Ann Arbor, MI
Master of Science in Quantitative Finance & Risk Management Expected Graduation: 12/2017

- **Core courses:** Numerical Method with Financial Application; Discrete State Stochastic Processes; Financial Mathematics; Applied Statistics

Wuhan University Wuhan, China
Bachelor of Science in Financial Engineering, GPA: 3.70/4.0 06/2016

- **Honors**: **2014-2015**: Second Prize Scholarship; **2015-2016**: Outstanding Graduate
- **Core courses**: Real Analysis, Stochastic Processes, Econometric Model Experiment, Financial Engineering Experiment, Time Series Analysis, Dynamic Optimization, Data Statistics Analysis Method

WORK EXPERIENCE

Wonder Futures, Research Department Beijing, China
Quantitative Research Intern Analyst 09/2015-12/2015

- Completed in-depth research into the theory of intertemporal arbitrage and futures pricing model including cost of carry and statistical arbitrage
- Applied statistical methods to analyze gold futures arbitrage opportunities, calculated the frequency of spread
- Evaluated the potential risks of intertemporal arbitrage using Matlab and recommended corresponding strategies

PROJECTS

Expected yield simulation to Equity-Linked financial products 06/2015-07/2015

- Collected one-year daily opening price of five Chinese stocks using Great Wisdom securities information platform, then calculated the average yield and the volatility of daily return
- Conducted Monte Carlo simulation more than 10,000 times for stock future prices
- Estimated the real yield of financial products through simulation results analysis with Eviews

Empirical Research on Optimal Hedge Ratio and Hedging Performance of Shanghai Silver Futures, Continuous Contract 11/2014-12/2014

- Reviewed domestic and foreign papers about hedging, analyzed and compared related research models
- Downloaded 2-year daily prices of Shanghai silver continuous actuals and contracts, then used Eviews to conduct unit root, cointegration test, and construct ARCH model
- Compared hedge ratio determined by OLS, B-VAR, ECM and ECM-GARCH model to recommend the best one

LEADERSHIP

Theoretical Research Committee of Wuhan University, External Liaison Department Wuhan, China
Chairman 06/2014-06/2015

- Negotiated with hundreds of companies to raise almost 8,000 USD for committee's dozens of activities, and did publicity for companies on campus by putting up posters, distributing leaflets
- Communicated with colleagues in propaganda department to design the propaganda contents that companies request

SKILLS AND AWARDS

- Inter-University Business Negotiation Competition, 3rd prize, 2014
- International Mathematical Contest in Modeling, 3rd prize, 2015

Computer skills: Python, SAS, R, Stata, Java, Eviews, Matlab, HTML

Academic Transcript of: LI,DONGXU
STUDENT NAME

73534478
STUDENT ID NUMBER

E158505501 -1
CONTROL NUMBER

31-Aug-2017
DATE ISSUED

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STATE OF MICHIGAN UIC

University Registrar

UNIVERSITY OF MICHIGAN
OFFICE OF THE REGISTRAR - ANN ARBOR, MI 48109-1382

NON-UNIVERSITY OF MICHIGAN ACADEMIC EXPERIENCE

Dalian University of Technology
Dalian 21 116024
China
Bachelor of Science Awarded: 01-Jun-2016

BEGINNING OF GRADUATE RECORD

Fall 2016		**Rackham**		**Grade**	**Hours**	**MSH**	**CTP**	**MHP**
ELI	534	Dis&Oral Argumentn	**DCO**	S	1.00	0.00	1.00	0.00
MATH	472	Num Meth Fin Appl		A+	3.00	3.00	3.00	12.90
MATH	526	Disc Stoch Proc		A-	3.00	3.00	3.00	11.10
MATH	573	Fin Math I		A-	3.00	3.00	3.00	11.10
STATS	500	Applied Stat I		A-	3.00	3.00	3.00	11.10
Term Total			**GPA: 3.850**		**13.00**	**12.00**	**13.00**	**46.20**

Winter 2017		**Rackham**		**Grade**	**Hours**	**MSH**	**CTP**	**MHP**
FIN	580	Corp Fin Derivatives		A+	2.25	2.25	2.25	9.68
FIN	609	Fix Inc Secur&Mkts		A+	2.25	2.25	2.25	9.68
IOE	553	Financial Engin II		A-	3.00	3.00	3.00	11.10
MATH	506	Analysis for Finance		A	3.00	3.00	3.00	12.00
MATH	574	Fin Math II		A-	3.00	3.00	3.00	11.10
STATS	509	Stats for Fin Data		A-	3.00	3.00	3.00	11.10
Term Total			**GPA: 3.918**		**16.50**	**16.50**	**16.50**	**64.65**

Rackham
Cumulative Total **GPA: 3.889** **28.50** **29.50** **110.85**

Fall 2017		**Rackham**		**Grade**	**Hours**	**MSH**	**CTP**	**MHP**
Elections as of: 31-Aug-2017								
EECS	402	Prog for Sci&Eng			3.00	0.00	0.00	0.00
FIN	608	Captl Mkts&Inv Strat			2.25	0.00	0.00	0.00
MATH	623	Computationl Finance			3.00	0.00	0.00	0.00
SI	507	Inter Programming			3.00	0.00	0.00	0.00
Total Elected Term Hours			**0.000**		**11.25**	**0.00**	**0.00**	**0.00**

END OF GRADUATE RECORD

End of Transcript
Total Number of Pages 1

Mian Jia

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Education

University of Michigan, Department of Mathematics Ann Arbor, MI Expected in Dec. 2017

Master of Science in Quantitative Finance & Risk Management

Core Courses: Advanced Financial Mathematics, Computational Finance, Applied Statistics, Stochastic Progress

Beihang University, School of Mathematics and System Science Beijing, China Aug.2012-June2016

Bachelor of Science in Applied Mathematics GPA: 3.4/4.0

Core Courses: Mathematical Analysis, Advanced Algebra, Probability and Mathematical Statistics, Real Analysis

Professional Experience

GF Asset Management **-** Equity Intern Beijing July2015-Aug.2015

- Joined an Asset-Backed Special Program as an assistant, and independently finished company valuation using discounted cash flow model and comparable company analysis
- Conducted deep research to various companies in the leasing industry and enhanced GF's valuation system through creating a new model that specializes in valuing leasing companies
- Wrote R scripts to fetch companies' financial data from website and built a linear regression model to forecast future profits of companies
- Created conference agenda including preparing speech script and coordinating signing ceremony for "*2015 China Leasing Asset Securitization Summit*"

WinNow Fund Management - Quantitative Analyst Intern Beijing Sep.2015-Dec.2015

- Collected and analyzed full information of specific industries, target and comparable companies
- Assisted in the construction of WinNow's factors database for multi-factor stock selection research through building regression models to test the validity of financial factors such as EPS, ROE, P/B, etc.
- Wrote a back-testing system for multi-factor trading which automatically fetches data from WIND API and evaluated the performance of given factors and trading strategies
- Created a factor evaluating model which assesses and updates factors' performance on a monthly rolling basis, and combined its output with technical analysis indexes to develop multi-factor stock selection strategies

Academic Experience

COMAP's Mathematical Contest in Modeling Beihang University Feb.2015

- Constructed SEIAR Model and GM (1, 1) Model respectively to predict future spread of Ebola and designed an algorithm to quantify the outbreak status of every targeted area
- Designed a transportation distribution model to support medical treatment delivery and lower costs

The 24th Feng Ru Cup Competition Beihang University Oct.2014

- Studied periodic orbits as action minimizers in the spatial isosceles three-body problem
- Used numerical approach to find a set of periodic solution based on the calculus of variation and approved the existence and stability of the solution

Others

Computer Skills: C, Matlab, R, SPSS, SAS, Python
Volunteer Experience: Participated in Beijing Hope Run for cancer care
Award: Successful Participant in Mathematical Contest in Modeling,2015

Tom (Pattarapol) Koosalapeerom

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536 S FOREST AVE, APT 409, ANN ARBOR, MI 48104

EDUCATION

2016 - 2017	MS Quantitative Finance and Risk Management, **University of Michigan, Ann Arbor** Current GPA: 3.9/4.0, Expected date of completion: December 2017 *Key courses:* Financial Mathematics, Stochastic Processes, Statistical Models for Financial Data (in R) Numerical Methods with Financial Application
2015	Non-degree, GPA: 4.0/4.0, Department of Mathematics and CS, **Chulalongkorn University** *Key courses:* Intro to Real Analysis 1, Intro to PDE, Probability Theory, Linear Algebra I
2009 - 2013	Bachelor of Accounting (Minor in Finance), First Class Honors, **Thammasat University**

SKILLS, MOOC, & CHALLENGES

Coding (ordered by proficiency) : Python (*numpy, pandas, scipy, scikit-learn, matplotlib*), R, C++, VBA, LaTeX, SQL
Programs: Bloomberg, Highly proficient in MS Excel (with VBA), Word, PowerPoint
Projects : Short Rate Models (2017), Implied Volatility (2017), MonteCarloFactorModel (2016),
Stocks Price Retriever (2016), 9x9 Sudoku Solver (2015)

Platform		Completion Date
COURSERA	Algorithm Specialization, Stanford University	July 25, 2017
	Python for Everybody Specialization, University of Michigan	August 5, 2017
	Introduction to Data Science in Python, University of Michigan	July 22, 2017
	Machine Learning Specialization, University of Washington	*In progress (25%)*
	Deep Learning Specialization, deeplearning.ai	*In progress*
	Game Theory 1, Stanford University & UBC	*In progress*
edX	6.00.1x Intro to Programming using Python, MITx	August 3, 2017
CodeAcademy	Python, Learn SQL	Complete

PROFESSIONAL EXPERIENCE

Assistant Fund Manager (1 year, 8 months) — Jun 2013 – Feb 2015
One Asset Management Company Limited | Equity Fund Management Department
9th, 24th Floor, Siam Piwat Tower, 989 Rama 1 Rd., Patumwan, Bangkok 10330, Thailand

- Asset Allocation Model : employed Black-Litterman model and Markowitz portfolio optimization to compute optimal long-run portfolio weight across various types of assets to support fund managers' strategy and help investment team formulating the long-term house view.
- Exchange Traded Fund : co-managed one of the largest index ETFs in Thailand (TDEX), prepared daily ETF basket to market makers, monitored daily tracking error, and developed rebalancing model to keep tracking error below 1%.
- High-dividend stocks screening model : operated and developed the High-dividend stocks screening model to support fund managers on stock selection process for firm's flagship high-dividend equity fund, 1VAL-D. The fund's performance in 2014 was ranked 1st Quartile compared to peers by Morningstar.
- Initiated and recommended 5 stock IPOs and 6 corporate bond investment decisions to the investment committee.
- Covered and reviewed 7 large-cap stocks from property development sector in Thailand for internal use.

AWARDS & CERTIFICATES

2016 Bangkok Bank Scholarship
Full scholarship for studying master's degree

2016 Bloomberg Market Concepts (BMC) Certificate of Completion
Bloomberg Institute, Bloomberg Finance LP.

2015 C++ BASIC (Win32 Console Application) Certificate
NetDesign Institute, approved by the Ministry of Education (Thailand)

2012 CISA Level 1 (Certified Investment and Securities Analyst)
Thailand Securities Institute (TSI), The Stock Exchange of Thailand

Lang Feng

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2224 Stone Road, Ann Arbor, MI, 48105

Education

The University of Michigan, Ann Arbor, MI Sep. 2016-Dec.2017
Department of Mathematics Master of Science in Quantitative Finance & Risk Management
Core Courses: Advanced Financial Mathematics, Computational Finance, Applied Statistics, Discrete State Stochastic Progress

Central University of Finance and Economics, Beijing, China Oct. 2011-June 2015
Chinese Academy of Finance Development Bachelor of Economics in Finance GPA: 88.3/100
Core Courses: Mathematical Analysis, Probability and Statistics, Linear Algebra, Ordinary Equations, Machine Learning, etc.
Awards: Meritorious Winner of Mathematical Contest In Modeling in 2014(MCM), Outstanding Academic Scholarship 2014

Baruch College – The City University of New York, Online Course Sep. 2014-Jan. 2015
Core Course: C++ Programming for Financial Engineering GPA: 86/100

Professional Experience

CITIC Securities – Quantitative Analyst Intern May 2016-Aug. 2016
- Independently programmed mean variance model and Black Litterman model to enhance the asset allocation framework of CITIC Securities, and to provide clients with monthly advice for optimal portfolio weight among different classes of assets
- Contributed to the event driven trading system through the development of several stock screening strategies based on events including block trading, high dividend, and majority shareholder purchasing

Yinhua Fund Management, Beijing, China – Quantitative Analyst Intern Oct. 2015-May 2016
- Conducted back testing and optimization of 8 quantitative trading strategies using Chinese historical market data
- Contributed to the building of quantitative evaluation system of fund products by modeling for the evaluation of stock selection and market timing ability of fund products according to the analysis of their net value movements and financial reports
- Employed asset allocation models (risk parity, Black Litterman model) and market-timing strategies (TD, momentum trading) in the development of Yinhua's first fund of fund(FOF) product, which has been published on *Securities Daily* after launching

Essence Securities, Beijing, China – Equity Intern Jan. 2015-Apr. 2015
- Assisted with the initial public offering of 3 small and medium sized companies, mainly working on DCF based company valuation, comparable company analysis, and company profit forecasting
- Researched, analyzed, and presented to clients on various industries such as logistics finance, oil, and media industry by using data from Wind; wrote Matlab scripts to automate market data update

Millward Brown ACSR, Beijing, China – Market Analytics Intern Sep. 2014-Dec.2014
- Conducted the quantitative analysis of an ad effectiveness tracking project for BMW and Volkswagen, wrote Excel script for data loading and cleaning, and developed a demographic customer classifier based on their interest behaviors

Research Projects

The Study of Diversified Risk Parity on Chinese Stock Market Apr. 2014-May 2014
- Calculated the optimal weight distribution of diversified risk parity portfolio and other benchmarking portfolios including global minimal variance portfolio and mean variance portfolio, by using data of CSI 300 Index and its components
- Evaluated the return, volatility, and maximum drawdown of portfolios where the optimal diversified risk parity portfolio achieved a monthly return of 1.13%, volatility of 1.49%, and maximum drawdown of -27.53%

Others

Computer skills: Microsoft Office, C++, Matlab, WIND, Eviews, SQL
Volunteer Experience: International Forum on Financial Engineering & Risk Management, 2014
Trading Experience: Currently managing about one million RMB fund using self-developed quantitative trading strategies

LIHE LIN

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734-353-8398 | linlihe@umich.edu

EDUCATION

University of Michigan, Ann Arbor **Ann Arbor, MI**
Master of Science in Quantitative Finance and Risk Management ***Apr 2018***
Specialization(s) in Financial Mathematics, Stochastic Process , Statistics

Wuhan University **Wuhan, Hubei**
Bachelor of Science in Financial Mathematics ***Jun 2016***

- Wuhan University Best Student Award
- Wuhan University Scholarship
- Wuhan University Outstanding Student Leader Award

EXPERIENCE

CITIC CLSA Securities **New York, NY**
Sales and Trading Intern ***May – July 2017***

- Compose daily fixed-income/stock market dynamics presented to CITIC key clients
- Initiate multiple investment case analysis to assist hedge fund and mutual fund clients in making timely investment decisions
- Create an Excel-based approach to mass filter and integrate morning reports in terms of the given format so as to increase efficiency by 80%
- Consolidate roadshow materials and arranged the data of 2000+ companies to be organized and made user-friendly for senior sales
- Spearhead data mining, stock screening, and data analysis utilizing professional research services, such as Wind Terminal, Bloomberg, to help generate long-short equity strategy
- Summarize and translate the first-hand news and research reports of Asian research team from English to Chinese (vice versa) for the US sales team to educate the team members with most updated market movement

Accounting Intern **New York, NY**
May 2017

- Do reimbursement for all company employees semimonthly
- Pay all invoices from vendors semimonthly

Fujian Haixia Business Bank **Fuzhou, Fujian**
Financial Market Department Intern ***July – Aug 2015***

- Collect bonds price data using WIND, combined with the change of policy to analyze it in EVIEWS in order to predict price change of bonds
- Collect comprehensive company information to write reports help department evaluate whether it is worth the investment, including background, performance, industry outlook, balance-sheet strength, etc.

KEY PROJECTS

Analyzing CSI 300 Index Future Project **Wuhan, Hubei**
Advisor: Dr. Yijun Hu ***Dec 2015 – Jun 2016***

- Collect and Analyze CSI 300 price data from CSMAR database to evaluate its impact on markets liquidity, applying two different mathematic models and methods – OLS and completely randomized design using EVIEWS and EXCEL
- Predict the price change trend of CSI 300 index and made effective suggestions for investment companies about the timing of selling and buying stocks around the period that a new representative index goes public

ADDITIONAL INFORMATION

- **Programming Skills:** PYTHON, R, MATLAB, EVIEWS, C
- **Extra-Curricular:** Numerical Methods, Machine Learning, International Trade
- **Other Awards:** Wuhan University Social Activist Award; Xinxin-Pei Special-prize; National Patent Certificate
- Interests include**:** Basketball (Captain of School Basketball Team in 2013-2016; School Basketball Game Champion in 2016); Music (Playing Guitar for 5 years); Drama(University Arts Festival Drama Competition Champion in 2012)

Sa Li

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517-775-6117 | lisamich@umich.edu

EDUCATION

UNIVERSITY OF MICHIGAN, Ann Arbor, MI — Aug 2016 – Dec 2017
Master of Science, Quantitative Finance and Risk Management

MICHIGAN STATE UNIVERSITY, East Lansing, MI — Aug 2012 – May 2016
Bachelor of Science, Mathematics; Minor in Actuarial Science

- GPA: 3.89/4.0
- Honors College, Dean's List
- Actuarial Science Awards(2015)
- George T. Bentley, Jr. Scholarship(2014 – 2016)

PROFESSIONAL EXPERIENCE

Financial Markets Department Intern — Jun 2016 – Jul 2016
Industrial and Commercial Bank of China Hebei Branch; Shijiangzhuang, China

- Assisted senior managers in the negotiation of related financing projects by using two enterprise financial modes: equity financing and debt financing to analyze data
- Learned the background and purpose of RMB foreign exchange transactions and foreign exchange transactions

Finance Independent Study Research Assistant — Jan 2015 – May 2016
MSU Department of Finance; East Lansing, MI

- Utilized advanced Excel financial modeling to predict future financial trends and price values
- Applied Discounted Cash Flow (DCF) modeling and alternative use of discount rates to predict stock trends for the next three years to determine the best investment properties

Undergraduate Teaching Assistant (UTA) — Aug 2013 - May 2015
MSU Department of Mathematics; East Lansing, MI

- Developed coordinating skills by assisting the instructor and communicating with other UTAs
- Created effective learning environment by developing different ways to help students understand lecture materials and different lesson plans to boost their interests in math

Volunteer Income Tax Assistance (VITA) Intern — Feb 2015 - May 2015
Asset Independence Coalition (AIC); Lansing, MI

- Compiled, analyzed and reported on overall program statistics and data using Excel for AIC and MSU VITA sites
- Assisted in continuing development of website to increase community participation

Finance Study Abroad Program in Belgium; Namur, Belgium — July 2014 - Aug 2014

- Experienced French business culture and the financial relationship among countries in the European Union
- Met representatives of the European Parliament and The National Bank of Belgium to discuss the European view of business leadership

LEADERSHIP EXPERIENCE

Co-chair 2015; Keynote Speaker Subcommittee Chair 2014 — Aug 2012 - May 2015
Women's Initiative for Leadership Development; East Lansing, MI

- Organized Annual Women's Day of Service to direct 80-100 people into 5-7 service sites in the local community
- Co-led the organization of the Annual Women's Leadership Conference with about 250 participants

Service and Leadership Co-chair; Webmaster — Jan 2013 – May 2016
Phi Sigma Pi National Honor Fraternity; East Lansing, MI

- Collaborated with the Co-chair on planning Pi Mile to raise $600 for a local community service
- Maintained Phi Sigma Pi MSU chapter website and updated documents using HTML programming language

Homecoming Court Member — Aug 2015 – May 2016
MSU Alumni Association; East Lansing, MI

- Selected as one of 10 senior students who serve as exceptional role models and Spartan ambassadors
- Delivered speech about the diversity and richness of the Spartan experience at the Green and White, a VIP event prior to the Homecoming football game

Intercultural Aide — Aug 2015 – May 2016
MSU Office of Cultural and Academic Transitions (OCAT); East Lansing, MI

- Provided academic and cultural support to 28 Spartan Success Scholars during their transition to MSU
- Planned engaging and informative activities that help students explore and learn more about academic transitions, culture, social class, race, religion and ethnicity

Chinese Undergraduate Advisory Group Member — Jan 2016 – May 2016
MSU Office of International Students and Scholars; East Lansing, MI

- Organized pre-departure events in Beijing and Shanghai to help over 400 students and parents learn about MSU
- Liaised with Chinese undergraduate students and other MSU departments including MSU Police, MSU Culinary Service, etc. to serve students' needs

SKILLS

- Experience programming in Python, HTML
- Fluent in Mandarin and English

Lingmei SHEN

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(734)-353-6916 | lynnshen@umich.edu

EDUCATION

UNIVERSITY OF MICHIGAN 09/2016-12/2017

Master of Science in Quantitative Finance and Risk Management

Course highlights: Numerical Methods with Financial Applications, Discrete State Stochastic Processes, Applied Statistics, Advanced Financial Mathematics

LINGNAN COLLEGE, SUN YAT-SEN UNIVERSITY (SYSU) 09/2012-06/2016

Bachelor of Finance

Course highlights: Investment, Corporate Finance, Financial Engineering, Econometrics, Mathematical Analysis, Ordinary Differential Equations, Real Variable Functional Analysis, Stochastic Processes

WORK EXPERIENCE

KPMG Advisory (Beijing) Limited 07/2015-12/2015

Intern, Financial Risk Management Department

- Integrated over 16,000 pieces of quarterly data from 8 subsidiaries using Excel as part of a risk management project for Yue Xiu Financial Holding Group Co., Ltd
- Tested client's internal business computing system to identify bugs and provided suggestions for improved performance and user experience
- Analyzed database by comparing characteristics of external data with internal ones, eliminating invalid data, and summarizing the different index values of external and internal data

ASUS Campus Master 09/2012-06/2013

Market researcher

- Conducted market research in the local computer market, collected more than 500 pieces of information from about 30 stores in order to summarize the strengths and weaknesses of ASUS compared to other brands
- Project manager for Collection of Dreams Project on SYSU Zhuhai campus, collected over 100 photos of students holding a board with their dreams on it and displayed them on website to show the awareness of ASUS in helping young people achieve their dreams

COMMUNITY EXPERIENCE

AIESEC, Bandung LC 07/2014-08/2014

Global Volunteer, Social Entrepreneurship Program

- Introduced the concept of social entrepreneurship to over 500 high school students and instructed them in developing their ideas about social enterprise
- Provided suggestions and solutions to micro-businesses
- Led small team to produce video for promoting social entrepreneurship and received more than 200 thumb-ups from Youtube

SKILLS

Languages: English, Mandarin, Cantonese

Programming: Excel, Matlab, Stata, Python

Mengting Xia

PROJECTED RESEARCH AREAS: Quantitative Finance and Risk Management

Mailing Address: Apt. 404, 1770, Broadway Street, Courtyards
Ann Arbor, Michigan 48105
Email:mengtxia@umich.edu
Phone: 734-834-7939

EDUCATION

University of Michigan*(Ann Arbor, Michigan)* *Sep.2016 – Present*
Major: **Quantitative Finance and Risk Management** Expected Degree: **Master of Science**

Dalian University of Technology*(Dalian, China)* *Sep.2012 – Jul.2016*
Major: **Mathematics and Applied Mathematics** Degree: **Bachelor of Science**
Main Courses: C++ Programming, Statistics and Probability, Stochastic Process

RESEARCH EXPERIENCES

- **Parameter estimation for a class of autoregressive conditional heteroscedasticity models** *Sep.2015 –Jul.2016*
Utilized a modified recursive least squares algorithm to estimate the coefficients of power ARCH models and threshold GARCH models.
- **Structure design and algorithm of the Spiking Neuron Networks** *Jan.2014- Jan.2015*
Used the pulse excitation intensity, the fuzzy logic and the mathematical tools, provided a new network architecture for SNN, accelerated the convergence speed of learning process and improved the accuracy and precision of the training.
- **Nonlinear functional analysis** *Nov.2014–Jul.2016*
Used the modern variational method to solve the problem of transition from the finite dimensional space to the infinite dimensional space.

INTERNSHIP EXPERIENCES

- **Trade Banking Department in Bank of China Nantong Branch** *Aug.2015-Sept.2015*
Checked data and organized materials; mastered different kinds of financial products in the bank of China.

IN-CLASS ACTIVITIES

- **School of Innovation and Entrepreneurship** *Oct.2013-Oct.2014*
Learned to use Matlab and apply mathematical instrument to the real problems. Practised mathematical modeling in several competitions held by Dalian University of Technology.
- **Loo-Keng Hua Class** *Mar.2013-Sep.2014*
Entered the Loo-Keng Hua Class held by Chinese Academy of Science. Finished more difficult and extensive courses in main Mathematical courses and passed more strict examinations.
- **Faculty of Management and Economics** *Sep.2013-Jul.2016*
Undertook several main courses in Faculty of Management and Economics.

HONORS & REWARDS

02/20143ndprize at Mathematical Contest in Modeling
04/2014 3ndprize in 10th" Challenge Cup" Curricular academic scienceand technology Competition
10/2013 Dalian University of Technology Excellent Scholarship

ADDITIONAL INFORMATION

Skills: Computer Programming language C++, Computer Programming language C, MATLAB

Shaofeng Shen

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Education

University of Michigan, Ann Arbor, MI *Sept.2016 - present*

- **Major:** Quantitative Finance and Risk Management. **Degree**: Master of Science
- **Course Highlights:** Advanced Financial Mathematics, Discrete State Stochastic Processes and Stochastic Analysis for Finance, Computational Finance, Applied Statistics and Statistical Analysis of Financial Data

Nanjing University, Nanjing, China *Sept.2012 - Jul.2016*

- **Major:** Financial Engineering **Degree:** Bachelor of Economics **Major GPA:** 3.64/4
- **Awards:** Meritorious Winner in Mathematical Contest In Modeling (MCM) in 2015
- **Course Highlights:** Financial Engineering, Stochastic Processes, Financial Database and Data Analysis, Data Structure, Probability and Mathematical Statistics

Working Experience

China Galaxy Securities Co., Ltd., Beijing *Jul. - Aug.2015*

- Intern, Planning and Finance Department
- Participated in accounting work in securities investment and margin trading, including importing daily financial accounts into financial system of company

Deloitte, Beijing *Jul. - Aug.2014*

- Intern, Audit Department
- Assisted in mid-term audit work for People's Insurance Company of China (PICC), including making and answering calls to branches companies of PICC for necessary audit material
- Asked branches companies of PICC for explanation if any detailed expenses of current period significantly decreased from that of last year and recorded accordingly.

Research Experience

Dynamic Portfolio Construction Based on Volatility Timing Strategy *Mar.- Jun.2016*

Graduation project

- Empirically investigated the performance of volatility timing strategies based on several covariance matrix predicting models, including MIDAS and EWMA. Completed with Matlab

Course Project in **Financial Econometrics** *Aug.2015*

- Adopting the M J.Brennan and T Chordia method (2012), used SAS software to analyze the illiquidity of China's security market and its effects on assets pricing

Course Project in **Corporation Finance** *Feb.2015*

- Conducted stock research on China Galaxy Securities Co., Ltd based on the industry trend, company's fundamentals, current valuation and financial health etc.

Professional Skills

- Matlab, SAS, Microsoft Office, etc.
- **Outstanding** in Nantional Computer Rank Examination (grade II C language), 2013
- **Outstanding** in Jiangsu Province Computer Rank Examination (grade II C language), 2013

Shuyu DING

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Phone: 734-780-9000 Email: shuyudd@umich.edu

EDUCATION

Department of Mathematics, University of Michigan Sep. 2016 – Present

Master of Science in Quantitative Finance & Risk Management

Courses include: Computational Finance, Discrete State Stochastic Processes, Advanced Financial Mathematics, Applied Statistics

Antai College of Economics & Management, Shanghai Jiao Tong University (SJTU) Sep. 2012 – Jul. 2014

Bachelor of Business Administration

Courses include: Operational Research, Financial Management, Multinational Corporate Finance

School of Mathematics, Shanghai Jiao Tong University SJTU Sep. 2010 – Jul. 2012

Courses include: Mathematical Analysis, Advanced Algebra, Number Theory, Ordinary Differential Equations, Numerical Analysis

WORK EXPERIENCE

Ernst & Young | Financial Services Organization Department| Shanghai Office | Auditor Oct. 2014 – Apr. 2016

- Completed training on auditing financial companies, including banks, security and fund companies
- Audited the biggest finance leasing company in China for the 2014 and 2015 fiscal years, mainly focused on cash, bank deposits, and borrowings (loans and bonds). Analyzed interest yield of bank accounts and borrowings to check the accuracy of interest income and expense
- Reviewed hundreds of loan grading cases to determine the bad debt ratio, computed the fair value of the company's bonds using models, and used SAP and Thomson Reuters to retrieve relevant data.

RESEARCH EXPERIENCE

Learning-support Website Development | SJTU | Research Assistant Jun. 2013 – Oct. 2013

Advisor: Xiaorong Li, Lecturer at Antai College of Economics & Management, STJU

- Assisted in development of learning-support website, which automatically generates unique study questions and practice sets for accounting students.
- Determined the relationships and constraints of all of the variables in a question, constructed the questions into formulas for the IT team to transform into programs, identified and resolved program bugs.

LEADERSHIP AND ACTIVITIES

Crosstalk Comedy Association | SJTU | President and Performer Sep. 2010 – Jul. 2014

- Organized new member recruitment and other association activities, wrote scripts for and rehearsed performances, organized and performed Crosstalk shows at several campus events

Translation of Courses in Coursera (Coursera / Guokr) | Online | Translator Sep. 2013 – Dec. 2013

- Translated the Coursera course *Introduction to Logic* from English into Chinese

Student Union | Shanghai | "Special Needs" Tutor Sep. 2010 – Jun. 2011

- Tutored a special needs high school student and helped her with her coursework every weekend

ADDITIONAL INFORMATION

Computer Skills: C, Python, Matlab, Stata, SPSS

Coursera: Interactive Programming in Python, Using Databases with Python, Financial Markets, Game Theory, Cryptography, Introduction to Mathematical Thinking

ACCA Affiliate: Financial Accounting, Financial Reporting, Financial Management

John Zhou

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Education

University of Michigan, Ann Arbor
Master of Science in Quantitative Finance and Risk Management *09/2016-12/2017*
- Key courses: Discrete State Stochastic Processes, Advanced Financial Mathematics, Applied Statistics, Computational Finance
- GPA: 4.15/4.0

East China University of Science and Technology (ECUST)
Master of Science program in Mathematics *08/2015 – 07/2016*
- Key courses: Computational Statistics, Linear and nonlinear programming, Numerical Solution of Nonlinear System of Equations, Design and Analysis of Algorithms
- GPA: 3.52/4.0

Bachelor of Science in Mathematics and Applied Mathematics *08/2011 – 07/2015*
- Key courses: Measure Economics, Experiment of Financial Mathematics, Multivariable Statistics, Mathematical models, Data Mining
- GPA: 3.53/4.0

  Excellent Bachelor Graduation Thesis (top 5%) 06/2015
  Extraordinary Scholarship of Academic Excellence for Academic Year 2013 - 2014 (Rank: 01/65) 09/2014
  Second-Prize Scholarship of Academic Excellence for Academic Year 2012 -2013 (Rank: 03/65) 09/2013

Academic Experience

Grader, *Discrete State Stochastic Process*(University of Michigan) *01/2017 - 04/2017*
- Responsible for grading homeworks and quizzes and assisted students with problems involving Markov chains, exponential distribution and Poisson, Markov processes in continuous, martingales and Brownian motion.

Teaching Assistant, *Advanced Mathematics Review Session* (ECUST) *08/2015 – 06/2016*
- Responsible for recording students' attendance, grading assignments, evaluating students' regular performance, and giving instant feedback on students' learning status to course instructor, assisted students with problems involving definite and indefinite integral calculation, differential equations, analytic geometry, etc.

Researcher, *Laboratory of Applied Mathematics*(ECUST) *09/2014 – 06/2015*
- Joined in computer-aided drug design program and focused on Qualitative and Quantitative Toxicity Predictions of Chemical Pesticides in HoneyBee to predict the pesticide toxin in honey bees by using mathematical models
- Formed the research dataset by collecting the latest HB toxicity data from EPA, wrote iterative algorithms, and developed scripts in Matlab to obtain the desirable results
- Included research finding in graduation thesis, which was awarded Excellent Bachelor Graduation Thesis

Professional Experience

Intern, *Project Team of Bank of Communications, Teradata* (Shanghai) *11/2014 – 03/2015*
- Completed one-month training to learn the Teradata Structured Query Language(SQL) and the Teradata database architecture, joined the Project Team of Bank of Communications with excellent training evaluation
- Amended codes of interconnecting tables using SQL and developed scripts according to the requirements, which required in-depth knowledge of the bank's database, including 10 themes of the database architecture
- Attended department meetings and translated the presentation PPT and the entire project introduction article

Intern, *Operation Department, Bank of Montreal* (Shanghai) *07/2014 – 09/2014*
- Dealt with and recorded relevant information of shipping and financial documents like commercial invoice, bill of lading, insurance policies, beneficiary's statements, checks, etc. for foreign trade customer companies
- Searched customers' bank statements information in bank database

Extracurricular Experience

Student Delegate, *Student Union of ECUST* *09/2011 – 06/2013*
- Collected students' opinions, attended meetings in the student committee and wrote final reports, ensuring effective communication between students and school authority to improve students' campus life and academic environment
- Presented and implemented schemes like university umbrella renting system, low electricity warning bulletins, etc.

Computer Skills

- Language: Python, SQL, Java Softwares: Matlab, SPSS, R

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RYAN ZHU

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EDUCATION

University of Michigan, Master's Program in Quantitative Finance August 2016-Current
GPA: 4.00/4.00 (expected) Ann Arbor, MI
Vanderbilt University, B.A. in Mathematics (Pre-Med Track), *cum laude* August 2013-June 2015
GPA: 3.73/4.00 Nashville, TN
Skills: Microsoft Office, Python, VBA, Matlab, Linux/Unix
Languages: English (Full Professional Proficiency), Mandarin (Native Proficiency), French (Elementary Proficiency)

WORK AND RESEARCH EXPERIENCE

Analyst Intern, Temasek Holdings, Shanghai China August 2016-September 2016

- Prepared pitch book for the new healthcare fund.
- Valued portfolio companies using comparable company method and computed the return metrics such as IRR and MoC.

Summer Analyst, Redpoint Ventures, Shanghai China June 2016-August 2016

- Conducted industry research with a special focus on digital healthcare and autonomous vehicle.
- Worked directly with a partner to discover new investment opportunities by attending industry conferences and roadshow events.
- Participated in due diligence by interviewing the users of the app and the COO of the company.
- Wrote three VBA scripts to streamline the process of finding potential breakthrough apps via DAU growth, which reduced the screening time for new companies by 50%.
- Optimized the screening algorithm to improve its accuracy in finding a pool of candidate companies.

Risk Management Intern, TMT Group, China United SME Guarantee Corp., Beijing China March 2016-May 2016

- Helped the TMT group to design a concise template to track and maintain portfolio, which streamlined the operation and reduced the number of excel worksheets that the front office had to fill each week by 60%.
- Participated in due diligence to assess the operation of the ABS issuer by examining the validity of the company's operating data and interviewing their workers.

Undergraduate Researcher, Vanderbilt University Department of Psychology June 2014-June 2015

- Participated in the research project *Cognitive Prejudices in High Dimensional Space.*
- Built and calibrated mathematical models using Matlab to investigate various geometrical and statistical properties in high dimensional space.
- Conducted survey on 25 subjects and compiled the data for analysis.

Summer Researcher, University of Iowa Medical School and Department of Computer Science June 2013-August 2013

- Utilized C, Shell Script and PPPT protocol to record the data collected from a health monitoring system and upload the data to a central server.
- Used Python to analyze the tweets collected from twitter users to determine the spread of a epidemics.

ACTIVITIES

Member Vanderbilt Finance Club September 2013-May 2015
Personal Programming Project January 2012-2015

- Built small programs implementing interesting ideas using Java and Python. Examples include a program mimicking the encryption and decryption mechanism of the Enigma machine and a word game.

Board Member Association for Computing Machinery University of Iowa Chapter January 2012- January 2013

- Held monthly meetings and organized campus-wise programming competitions.

IBM Master the Mainframe Contest Stage II Winner October 2012- January 2013

- Used COBOL, REXX and JCL languages to perform various server-scale system maintenance tasks.
- Finished top 60 among 4000 contestants from around North America

HONORS

Dean's List, Vanderbilt University 2013-2015
Dean's List, University of Iowa 2011-2013
President's List, University of Iowa Fall 2012

Xiaoman Wang

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EDUCATION

University of Michigan, Ann Arbor, MI Sep 2016-Present

- Master of science in Quantitative Finance and Risk Management
- Course Highlight: Numerical Methods with Financial Applications, Discrete State Stochastic Processes.

Nanjing University, Nanjing, China Sep 2012-Jul 2016

- Bachelor of Science in Financial Engineering, GPA(100 scale)**: 90.36**
- Course Highlight: Stochastic Processes, Financial Database and Data Analysis, Financial Econometrics

National Tsinghua University, Hsinchu, Taiwan Feb 2015-Jun 2015

- Department of Quantitative Finance, GPA (4.0 Scale): 4
- Course Highlight: Discrete Mathematics , Derivatives Pricing , Financial product design and pricing

WORK EXPERIENCE

Guosen Securities, Shenzhen, China Jul 2015-Sep 2015

OTC Derivatives Intern, OTC Department

- Assisted senior analysts in structuring and pricing 7 derivatives products of different underlying asset including exotic options of CSI 300 Index and structured notes
- Proposed variance reduction techniques like Antithetic Variables, Moment Matching and Control Variates to enhance the available Monte Carlo simulation module for pricing options and estimating the Greeks
- Contributed to the booking system development using VBA and MySQL to allow traders to query and insert derivatives transactions records.

Co-founder, Portfolio Management May 2014-Aug 2015

- Sponsored by leading securities in China and structured the investment policy of the student-run virtual fund by conducting equity research, factor analysis, and portfolio optimization
- Developed software in VBA and R to analyze fund portfolio risk as a result of exposure to various factors, including macroeconomic and Fama-French factors.
- Organized lecture series on various basic investment topics, including Discounted Cash Flow Model, Modern Portfolio Theory and Asset Pricing Models

ACADEMIC EXPERIENCE

Empirical Research on Financial Distress Prediction Models for Companies in China Jan 2015-May 2015

- Employed machine learning algorithms such as Logistical Regression, Support Vector Machine with prediction variables such as Debt Ratio and Operating Cash Flow to forecast the financial distress of companies
- Performed 10-fold cross-validation for the machine learning models with financial datasets
- Applied to Classification Accuracy Rate approach and the Area under the Receiver Operating Characteristics Curve (AUC) to calculate and compare the performance of different models
- Demonstrated average accuracy rates above 84% and AUC values above 0.78, and concluded the best prediction ability of the SVM method.

SKILLS

Software: C/C++, MATLAB, R, SAS, Python, Bloomberg.

Language: English, Chinese

Zeyu Zhang

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Education

Sep. 2016 - Present
Graduate Study

Master of Science in Quantitative Finance and Risk Management
University of Michigan, Ann Arbor
Overall GPA: 3.97/4.0 ; **Major GPA:** 3.97/4.0
Course Highlights: Stochastic Differential Equations, Continuous Time Finance, Computational Finance, Statistical Methods In Finance, Fixed Income, Corporation finance

Sep. 2012 - Jun. 2016
Undergraduate Study

Bachelor of Science in Mathematics and Applied Mathematics
University of Science and Technology of China(**U.S.T.C**)
Major GPA: 3.86 or 89.63/100
Course Highlights: Advanced Probability(Graduate Course), Applied Stochastic Process, Time Series Analysis.

Honors and Awards

2012	Excellent Freshman Scholarships (perfect score in entrance exam)
2013,2014,2015	Outstanding Student Scholarships (high GPA rank)

PROJECTS

METHODS IN CLASSIFICATION AND CLUSTERING *Dec. 2015 - Jan. 2016*

- Studied and applied Bayes method to do classification and similarity coefficients methods to perform cluster analysis
- Used R to process data and determine the result of the classification and clustering

MENTER CARLO METHOD IN BLACK-SCHOLES MODEL *Sep. 2016 - Dec. 2016*

- Compute volatility thorgh log-return by B-S model with Matlab
- Use matlab with menter carlo method and B-S formular of call option to computer the value of the option
- Use numerical method compute price of basket options and given the theortical price of barrier options

Computing skills

R, Python, Visual C, C++, Matlab, Bloomberg (with BMC certification), Latex, Dreamweaver

Teaching Experience

Teaching Assistant, Function of Complex Variable *Sep. 2015-Dec. 2015*

- Led study sessions, revised papers, and organized group talk activities for more than 100 students

Teaching Assistant, Mathematics and Physical Equation *Mar. 2016-Jun. 2016*

- Applied subject knowledge of partial differential equations to grade materials and provide supplemental instruction to students enrolled in the class

Fanyi Zhou

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EDUCATION

University of Michigan
Master of Science in Quantitative Finance and Risk Management Sep. 2016-Dec. 2017
Wuhan University
Bachelor of Economics & Bachelor of Natural Science Sep. 2010- Jun. 2014
Major: Mathematical Finance and Economics Experimental Class
Minor: Applied Mathematics
GPA: 3.8/4.0
Awards: Excellent Student Scholarship (2011-2012 & 2012-2013)
Courses: Investments, Intermediate Financial Theory, Options, Futures and Other Derivatives
Computer and Software: Python, C， Bloomberg Market Concept

WORK EXPERIENCE

Bank of China, Jianghan Branch **Wuhan, China**
Bank Teller, Department of Business Sep. 2014- Dec. 2015

- Opened accounts and explained contract details for new customers. Collected feedback through phone and email so as to provide individuals with customized service and products.
- Developed and conducted presentation on new financial products, latest policy, and basic financial and economics knowledge to customers who intend to invest.
- Documented and summarized financial data such as interest rate, exchange rate, economic indicators, and relevant news. Supported customers to arrange investment strategies in short term.

SCF Partners **Wuhan, China**
Part-time Data Analyst Jul. 2015-Aug. 2015

- Collected basic information (locations, offered products and services, scope of business, etc.) and financial data of more than 1000 petroleum industry related companies in South East Asia.
- Utilized econometrics such as OLS and Dummy Variable and identified crucial indicators that measure the potential of companies in petroleum industry.
- Worked with analysts and petroleum industry experts to forecast the future development of selected companies.
- Acquired general knowledge of petroleum industry and recognized its economic and political role in South East Asia.

ACADEMIC EXPERIENCE

Wuhan University **Wuhan, China**
Group Course Project Apr. 2011

- Collected finance-irrelevant data variables such as temperature and output of agriculture products and stock price. Attempted to explore the correlation between them.
- Adopted basic linear regression model and utilized E-views to test how significant the correlation between the selected variables.
- Wrote a report about the work to contribute to the goal of building intuition in the finance industry.

Winter Camp for Mathematical Modeling Contest Jan. 2013

- Completed training designed for *Mathematical Contest in Modeling*, learnt effective mathematics models and expanded theoretical knowledge to practical situation. Wrote the contest paper, 'Water Issue in China'.
- Collected data about water consumption and overall production of various industries. Clarified the relationship between water consumption and production with the assist of GLS and forecasted short term changes in water consumption.
- Utilized Analytic Hierarchy Process and Matlab program to demonstrate priority of water sources in China.

2013 Citi Financial Innovation Application Competition Mar. 2013-May 2013

- Conducted a presentation about basic finance theory such as options and modern portfolio theory to team members. Built the model to measure the risk of a financial product.
- Provided support concerning financial theory to team members while coding and collecting data to verify the system.