

# Fanyi Zhou

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## EDUCATION

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### 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

## WORK EXPERIENCE

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### Bank of China, Jiangnan 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

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### 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.