Richard（Yuanyuan）Zhang

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EDUCATION

University of Michigan, Ann Arbor, MI   Sept. 2018 - Dec. 2019

Master of Science in Quantitative Finance and Risk Management

- Courses: Financial Mathematics, Applied Statistics, Discrete State Stochastic Processes

Southwestern University of Finance and Economics, Chengdu, China   Sept. 2014 - June 2018

B.S. in Mathematics and Applied Mathematics & BEc in Finance

- GPA:3.6/4.0
- Courses: C Programming, Probability Theory, Time Series Analysis, Partial Differential Equation, Stochastic Process, Micro/Macroeconomics

WORK EXPERIENCE

Commando Capital, Beijing, China   July 2018 - Aug. 2018

Investment Analyst Intern

- Compared difference in effectiveness of hedging between random selection stocks and orderly selection stocks, using MATLAB to simulating real investment process
- Organized simulation results of two situations and wrote report about effectiveness of hedging

Chengdu Wing Makers Co., Ltd. Chengdu, China,   Jan.2017 - Jun.2017

Data Analyst Intern

- Divided 5000+ P2P online loans into five categories, making customer easier to retrieve information
- Established performances evaluation system of 5000+ P2P online loans, providing an algorithm for portfolio management on APP

Huaxi Future, Chengdu, China   July 2016 - Aug. 2016

Investment Analyst Intern

- Constructed α-strategy about single & multiple factors to select stocks from Chinese A-share Market
- Applied α-strategy model on the database of Chinese A-share Market, using MATLAB to implement model and compute quantitative indicators of test result
- Wrote testing report of trading strategy

RESEARCH EXPERIENCE

Research on Carbon Finance, Chengdu, China   Oct. 2015 - April 2016

Research Assistant

- Estimated carbon dioxide emissions of Chinese industry and agriculture using linear regression equation, evaluating necessity and feasibility of establishing carbon trading market in China
- Assisted Prof. Xiang in publishing articles, Research on Carbon Financial Development Model in Forestry under CCER (ISSN: 1003-0670), Xiang, Kaili; Qu, Xiaohui; Zhang, Yuanyuan

SKILLS

- **Programming Languages**: MATLAB, Python, Excel, SPSS, Eviews, LaTex
- **Languages**: English - Fluent, Mandarin - Native