

Jiale(Alina) Zhang

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EDUCATION

Xi'an Jiaotong University (XJTU), China Sep 2016 - Jun 2020

Quantitative Economics and Finance (GPA:3.74/4.3)

Courses: Statistics, Econometrics, Financial Accounting, Microeconomics, Macroeconomics, Mathematical Analysis, Linear Algebra, Time Aeries, Probability Theory, Object Oriented Programming (C++), Managing Big Data with SQL

Awards: First prize of Shaanxi province in national mathematical modeling competition (applied genetic algorithm & gradient descent algorithm to conduct the best strategy), "Jinhe" alumni scholarship (Top 10%)

University of Queensland (Exchange Student), Australia Feb 2019 - Jun 2019

Economics and Finance (GPA:7.0/7.0)

Courses: Industrial Economics, Monetary Economics, Economics of Financial Market, International Financial mgt

WORK EXPERIENCE

Didi Chuxing (Chinese 'Uber'), Beijing, China Jul 2020 – Sep 2020

Data Analysis Intern

- Identified 15% reduction on accident rate and 30% increase in average score by analyzing the data of driving experience, accident rate and test score before and after drivers' being educated by the company with SQL and STATA
- Designed the evaluation method and reward mechanism for traffic safety performance of more than 5 million network car hailing drivers in China in 2019 by analyzing all driver's accident and mileage performance
- Constructed and continuously updated the company's data platform on traffic accidents, mileage of drivers and regions as well as the weather in 15 regions of China every 10 minutes from 2017 to 2020

China International Capital Corporation Limited (CICC), Beijing, China Nov 2019 - Dec 2019

Quantitative Research Analyst Intern

- Achieved an annualized excess return of 8.10% and long-short winning rate of 75.65% by constructing multi-space back-test. Conducted industry cycle and performance analysis by constructing evaluation model including 34 individual prosperity indexes regarding periodic performance quality and individual stock composite consensus
- Promoted the prosperity indexes by conducting 9 composite prosperity indexes which are linear uncorrelated
- Used python to crawl and clean the relevant financial data and performed year-on-year incremental processing

Western Securities Co., Ltd., Xi'an, China Aug 2019 - Sep 2019

Intern of IBD

- Involved in the due diligence of science and technology company in Xi'an, participated in the site visit, generated cash flow and financial projections from financial statements, and drafted relevant part in Porspectu
- Participated in composing the strategic report of the NEEQ project, drafted a summary of risk-weighted assets in and off-balance sheets, carried out the equity analysis of M&A, and performed pitchbook drafting
- Conducted report of impact of bail-out fund on high equity pledged firms by collecting data from Wind database

McKinsey & Company, Shanghai, China Jul 2018 - Jul 2018

Part time Assistant

- Involved in alliance strategic projects of 12 multinational companies in retail industry, conducted industry research of Carrefour, Tesco and other supermarket giants, performed cluster analysis on consumer characteristics by SAS
- Benchmarked 5 private fund companies, and analyzed their key success factors through issue tree

EXTRACURRICULAR EXPERIENCE

Chinese university student entrepreneurship and innovation training competition, China Apr 2018 – May 2019

National project (Top 5%) | Team leader

- Generalized a dominant strategy for national antique market and international antique market using the game theory model. Investigated Xi'an antique market and found the Nash equilibrium of buyers and sellers

GBC international business elite challenge, China Apr 2018 – Jun 2018

Champion of 14 provinces | Team leader

- Analyzed the new energy feasibility plan carried out by automobile companies and applied SWOT analysis & Porter's Five Forces Model to analyze strengths and weaknesses of the company and to assist in long-term marketing strategy

China "Internet +" college students innovation competition, China May 2018 – Sep 2018

Silver award of Shaanxi Province (Top 10%) | Financial analysis

- Gained \$40000 investment through negotiating with investors. Conducted financial analysis in the next five years for the startup company which developed laser based on carbon nanotubes tumor thermal physical therapy platform

SKILLS AND INTERESTS

Computer programming Skills: Good command of Office, SQL, STATA, C++, Familiar with Python, JAVA

Interests: Playing Pipa (Chinese traditional instrument), Playing piano, Singing