YAN (TAYLOR) ZHAO

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EDUCATION

CORNELL UNIVERSITY   Manhattan, NY
Weill Cornell Graduate School of Medical Science   Sept 2019 - Aug 2020
Master of Science in Biostatistics and Data Science | GPA: N/A

CAPITAL UNIVERSITY OF ECONOMICS AND BUSINESS   Beijing, CHINA
School of Finance | Bachelor of Economics in Finance | GPA: 3.59/4.0   Sept 2015 - Jun 2019
School of Statistics | Bachelor of Science in Statistics | GPA: 4.0/4.0

UNIVERSITY OF MICHIGAN, ANN ARBOR   Ann Arbor, MI
Institute for Social Research   Jul 2017- Aug 2017
ICPSR Summer Program in Quantitative Methods of Social Research | GPA: 3.89/4.0

COURSEWORK

Statistics and Mathematics: Probability Theory, Regression, Causal Inference, Operation Research, Advanced Mathematics, Structure Equation Models, Time Series Analysis, Study Design
Data Science: Machine Learning, Artificial Intelligence in Medicine, Data Management
Finance: Risk Management, Financial Engineering, Financial Econometrics, Financial Derivatives and Corporate Finance
Programming: R, Python, SAS, C++, Disco (for process mining in operation research)

INTERNSHIP EXPERIENCE

Home Big Data Tech. Co., Ltd.   Beijing, CHINA
Intern Data Analysis, Data Analysis Department   Jul - Aug 2018
Project I: Acquisition and Analysis of E-Commerce Businessmen Credit Index:
● Collected, cleaned, analyzed and collated credit data and basic information of merchants on each E-commerce platform
● Converted different credit scoring systems into uniformly measurable credit scoring indices
● Analyzed significant relationship between the credit of merchants and the variables such as the platform, registered capital, information integrity, and the city where they are located.
● Acquired data every day and analyzed the changing trend of merchants
Project II: Measurement for Implementation of FGF Reform by Government Sectors
● Acquired information from government websites and government social media
● Artificially judged whether these information indicate that a government sector has taken reform measures
● Performed machine learning based on the sample of judgments
● Obtained the algorithm of judging whether a government sector has taken measures to promote the FGF reform
● Collated and compiled report based on the result obtained via this algorithm

First Capital Securities Co., Ltd.   Beijing, CHINA
Intern Risk Analyst, Risk Management Department   Sept 2016
Risk Management: Performed risk assessment of financial products with VaR and CVaR methods and Brinson attribution analysis of company performance; wrote due diligence risk management reports
Teamwork/Communication: Held meetings with senior managers to report research and summarize relative macro news and events in new emerging industries including Green Vehicles and Artificial Intelligence

AXA General Insurance Hong Kong Limited   Hong Kong, CHINA
● Employed R to export and fit required data into specific format and for calculation and processing   Aug 2016
● Learned calculation methods for the P/E ratio of individual share and industry, and approach for the abnormal values
● Wrote programs in R to transfer processed data into valuation graphs to provide the historical tendency of industry P/E ratio in different algorithms

ADDITIONAL INFORMATION

Language: Mandarin, English   Interest: Dota2, Basketball