Joyce (Jingjing) Zhang

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325 W Adams Blvd, Los Angeles, CA, 90007

EDUCATION

University of Southern California — Los Angeles, CA
Master of Science in Analytics, GPA: 4.0/4.0 — Aug 2021 – Expected May 2023
- Coursework: Decision Analytics, Optimization Method for Analytics, Predictive Analytics, Introduction to Data management, Data Mining, Enterprise Business Intelligence and Systems Analytics

University of Birmingham — Birmingham, UK
Bachelor of Science in Mathematics with Statistics, GPA: 3.75/4.25 — Aug 2017 – May 2021
- Coursework: Applied Statistics, Game Theory & Multi-criteria Decision Making, Medical Statistics, Statistical Method in Economics, Integer Programming & Combinatorial Optimization

Jinan University — Guangzhou, China
Bachelor of Economic Statistics, GPA: 3.5/4.25 — Aug 2017 – May 2021
- Coursework: Statistical Software, Statistical Modelling, Intermediate Microeconomics, Intermediate Macroeconomics

Honors: 2021 Outstanding graduates with achievements and contributions, Jinan University
2019 Outstanding Student Cadre Scholarship, Jinan University
2019 International Exchange Program Scholarship, Jinan University
2018 3rd Prize Scholarship of Outstanding Students, Jinan University

PROFESSIONAL EXPERIENCE

Bank of Guangzhou — Guangzhou, China
Modelling Intern, Risk Management Department — Feb 2021 - May 2021
- Quickly adapted SAS in 2 weeks and built monitor models independently the collection and scoring models in proper functionality
- Built SAS monitor models 'Consumer credit collection scoring model 1.0' and 'Customer cluster monitoring model with eight groups' which applied in teams now; Promoted all developed models by members into use
- Consistently communicated with big data department to help adjust model code with high efficiency; checked all models being applied with PSI and KS, and debugged when errors occurred, completing the monthly reports

First Capital — Shenzhen, China
Research Analyst Intern, Corporate Financing Department — Jun 2020 – Jul 2020
- Completed analytical support for industry research (Ultra High Voltage Project) with applying data analysis in R & MS Excel, and draft a 10-page research report with teammates
- Completed the Fixed-Income Market Operation Analytical Report that covered liquidity monitoring, interest rates & bond, credit & bond, ABS market, and risk control according to ratings of different companies; visualized with advanced excel skills diverse charts

PrivCo — New York, USA
Data Analyst Intern — Jul 2019 – Aug 2019
- Conducted background research for 2,000+ companies, categorized the given companies based on their characteristics, and input data into quantitative model for evaluation; employed MS Excel to process raw data and performed industry trend analysis
- Participated in a PE research project that covered analyzing financial data, evaluating the historical performance of the given company, and studying the business patterns; summarized business insights acquired from research in a written report and PPT slides

PROJECTS & PUBLICATION

Multi-attribute decision of where to travel during winter vacation — Dec 2021
- Collected data from the Internet about resorts in America, and decided alternatives and attributes to analyze
- For each decision-maker, calculated the attribute tradeoff for different attributes and scaling constant
- With analysis result, rank each resort for each decision maker, and made a conclusion of this project, using Nash Bargaining group decision rules and Borda, Harsanyi additive utility

Evaluation Red Wine Quality Model Based on Multiple Linear Regression with R — Apr 2020
- Conducted principal component analysis and cluster analysis by using R to create 6 principal components and 4 clusters for analyzing the impact factor of each component
- Built a general linear regression by training data to explore the relationship between each property & quality and undertook correlation analysis to identify the correlation; evaluated the effectiveness of different methodologies for further analysis

Publication: Zhang, J., (2018) An Analysis of the Trend of Consumer Behavior in the Pearl River Delta under New Development Concept. Reform Opening. ISSN1004-7069

COMPETITIONS & VOLUNTEER

- H Prize (International) of 2020 Mathematical Contest in Modeling — Feb 2020
- 3rd Prize (Provincial) of 2019 China Undergraduate Mathematical Contest in Modeling — Sep 2019
- 3rd Prize of 2019 National Economics Game Experiment Competition — Jul 2019
- 2nd Prize of 2019 Guangdong Economics Game Experiment Competition — May 2019
- 1st Prize of 2018 National College Student "Sunshine Cup" Table Tennis Competition — Dec 2018
- Volunteer at library from 2018 to 2020 (Assist teachers in organizing activities in the library)

TECHNICAL SKILLS & INTERESTS

Skills: Advanced in Excel & PPT, Python, R, SAS, SAS Viya, SQL, LaTeX, Data Mining
Languages: Mandarin (Native Speaker), English & Cantonese (Professional Working Proficiency)
Extracurricular activities: Table Tennis (school team member), Basketball (captain of college team)