

## EDUCATION

### Suzhou University

Bachelor of Economics, GPA: 3.43/5.00, 1st in the major

China

2019–2023

- Main courses: Econometrics; Statistics; Nonparametric statistics; Time series analysis

### Lancaster University

Management Science MRes

United Kingdom

2024–2025

- Main courses: Stochastic Processes; Probability; Stochastic Simulation

## RESEARCH EXPERIENCE

### A Study of a Two-Object Evolutionary Game Based on Digital Transformation

Anhui, China

Program leader

Summer 2023

- Identify the subjects of the game and set the parameters and corresponding constraints for different payoff profiles
- Construct the payoff matrix and solve the differential equations, and analyse the game payoff profile and parameter variations under different decisions
- Wrote a 15,000 word paper and designed the corresponding MATLAB scripts

### A Study of Listed Companies in China's Digital Economy

Anhui, China

Program leader

Summer 2022

- Collected share price data of the relevant companies and collated a total of 120,000 pieces of data
- Performed statistical processing on the collected data and performed statistical modelling based on the processed data
- Wrote a 20,000 word thesis that received a RMB 2,000 research grant and was honoured as my thesis with the Outstanding Thesis award

### A Study on the Railway Transport Industry in China

Anhui, China

Program leader

Summer 2021

- Collecting data and constructing an indicator system for China's railway transport industry
- Statistically processed the collected data and performed statistical modelling based on the processed data
- Wrote a 15,000-word paper that was peer-reviewed, presented at ISTTCA, and published in IEEE.

## PUBLICATIONS

- [1] L. Yuan and S. Sun, "Research on e-sports user preferences and user characteristics of student groups in anhui province", in *Proceedings of the 2nd International Academic Conference on Blockchain, Information Technology and Smart Finance (ICBIS 2023)*, Atlantis Press, 2023, pp. 184–190, ISBN: 978-94-6463-198-2.
- [2] J. Qi, W. Li, X. Li, and L. Yuan, "Research on entropy-weighting topsis method basedon shanghai digital economy index system", in *Proceedings of the 2022 International Conference on Computer Science, Information Engineering and Digital Economy (CSIEDE 2022)*, Atlantis Press, 2022, pp. 656–662, ISBN: 978-94-6463-108-1.
- [3] L. Yuan, S. Sun, J. Dong, B. Zhang, and W. Lu, "Research on coupling and coordination of rail demand market", in *2021 4th International Symposium on Traffic Transportation and Civil Architecture (ISTTCA)*, 2021, pp. 55–58.

## INVITED REVIEWER

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Energy Strategy Reviews

Digital Business

Finance Research Letters

International Review of Financial Analysis

## SKILLS

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- **Programming languages:** R, Python
- **Analysis software:** MATLAB, Eviews, SPSS, SAS
- **Simulation software:** Netlogo, Vensim
- **Other software:** Latex, Word, Excel, PPT, Access

## LANGUAGES

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- **Chinese:** Native language level
- **English:** Fluency level

## SCHOLARSHIPS AND AWARDS

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|-------------------------------------------------------------------------------------------------------|------|
| • Lancaster Management School Master's Scholarship                                                    | 2024 |
| • Excellent Graduation Thesis of Economic Statistics major of Suzhou University                       | 2023 |
| • First-class Academic Scholarship of Suzhou University                                               | 2022 |
| • Top 10 Students of Suzhou University (Science and Technology Innovation)                            | 2022 |
| • First Prize of the 12th National Student Market Research and Analysis Competition in Anhui Province | 2022 |
| • First Prize of the Eighth National Student Statistical Modelling Competition                        | 2022 |

## INTERNSHIPS

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|------------------------------------------------------------|------|
| • Anhui Zhongjie Information Technology Ltd., Statistician | 2022 |
| • H3C Technologies Co., Limited, Data analyst              | 2021 |

## EXTRACURRICULAR ACTIVITIES

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|----------------------------------------------------------------------------------|-----------|
| • Suzhou University DT Statistical survey Service Association<br><i>Chairman</i> | 2020–2021 |
| • Suzhou University anti-aids anti-drug publicity group<br><i>Chairman</i>       | 2021–2022 |