LING YUAN

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EDUCATION

Suzhou University Anhui, China
Bachelor of Economics, GPA: 3.43/5.00, 1st in the major 2019–2023
- Thesis: "Assessment and Forecast of the Development of China's TMT Industry in the Era of Digital Economy"

RESEARCH EXPERIENCE

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 Securities Industry in China Anhui, China
Program leader Summer 2022
- Collecting data and constructing an indicator system for listed companies in China's securities industry
- Statistically processed the collected data and performed statistical modelling based on the processed data
- Wrote a 15,000 word paper, which was published in the Journal of Functional Spaces after peer review

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, T. Jing, S.-H. Sun, and C. Yaqi, "Digital transformation and value creation in the tmt industry: An integrated analysis with deep learning", in *IEEE Journal of IT Professional*, under review.

[2] L. Yuan, T. Jing, and S.-H. Sun, "Study on the performance of listed companies in china's aviation industry based on game cross efficiency-machine learning models", working paper, 2023.

[3] 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.

[4] 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.

[5] L. Yuan, S. Sun, and Z.-Q. Cai, "Bsc-based performance evaluation model for securities industry and its application", in *Journal of Function Spaces*, vol. 2022, 2022, p. 10.

[6] 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

Energy Strategy Reviews

Digital Business

Finance Research Letters

International Review of Financial Analysis

SKILLS

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

LANGUAGES

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

SCHOLARSHIPS AND AWARDS

- 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
- Second Prize of Anhui Provincial Statistical Modelling Competition — 2021
- Third Prize of the 11th National Student Market Research Competition — 2021

INTERNSHIPS

- Hefei Insignia Technology Company, Data analyst — 2022
- H3C Technologies Co., Limited, Data analyst — 2021
- The Marketing Department of EDUA, Campus ambassador — 2020

EXTRACURRICULAR ACTIVITIES

- Suzhou University DT Statistical survey Service Association — 2020–2021
  Chairman
- Suzhou University anti-aids anti-drug publicity group — 2021–2022
  Chairman
- Suzhou University, School of Mathematics and Statistics, Statistical Surveys Team — Fall 2021
  Team leader