

# Chufan Lai

Graduate Student, School of Economics, Nankai University, Tianjin, CHINA  
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## RESEARCH INTERESTS

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Applied Econometrics, Network Econometrics, Political Economics, Education Economics

## EDUCATION

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<b>School of Economics, Nankai University</b> , Tianjin, CHN	Sep. 2023 - Jun. 2026 (Expected Graduation)
MSc in Applied Economics ( <i>Institute of Quantitative Economics</i> )	Cumulative GPA: <b>94.52</b> /100
GPA Ranking: <b>1/155</b>	

<b>School of Economics, Nankai University</b> , Tianjin, CHN	Aug. 2019 - Jun. 2023
LL.B., BEc ( <i>Economics, Business, and Law Comprehensive Education Program</i> )	Cumulative GPA: <b>89.94</b> /100
GPA Ranking: <b>1/45</b>	

## ADVANCED COURSES

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### PhD Courses: School of Economics and School of Statistics and Data Science

- Advanced Econometrics I (98/100, 1st place)
- Advanced Econometrics II (94.4/100, 1st place)
- Advanced Mathematical Statistics (96/100, 1st place)
- Statistical Inference in High-Dimensional Data (98.6/100, 5th place)

## RESEARCH

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### Working papers

- Wang, Q., Lai, C., & Yuan X.. High-Quality Population Development: Measurement, Decomposition, and Its Support for High-Quality Economic Development. *Statistical Research* (Provisional Acceptance, China's top statistics journal).
- Lai, C. & Wang, Q.. Human Capital Mobility under the Iron Curtain: International Student Network and International Sanction Network. *Journal of Applied Econometrics* (Under Review).
- Lai, C. & Wang, Q.. The Dual Leadership Effects on Attractiveness of Chinese Universities: Two-Layer Social Network Analysis. *The Leadership Quarterly* (With Editor).

### Work in Progress

- *Identifying the Geometry of Latent Space Models with Aggregated Relational Data and Fully Aggregated Network Data*
- *Diffusion and Innovation: Official Rotations, Policy Uncertainty, and Regional Technological Dynamics*
- *Local Political Connections, Transaction Costs, and Input-output Linkages*

### Research Experience

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| • <b>Major Program of the National Social Science Foundation of China (22ZDA098)</b><br><i>Developed a measurement indicator system for population development quality</i>               | Sep. 2022 - Dec. 2024 |
| • <b>General Program of the National Social Science Foundation of China (22BJY160)</b><br><i>Quantified the impact of official rotation on inter-city input-output linkages in China</i> | Sep. 2023 - Sep. 2025 |
| • <b>Special Program of the Ministry of Education of China (H0124703)</b><br><i>Quantified sanction impacts on international student mobility using network models</i>                   | Jul. 2024 - Jun. 2025 |
| • <b>Special Program of the Ministry of Education of China (H0121708)</b><br><i>Quantified university leadership contributions to institutional competitiveness growth</i>               | Sep. 2022 - Dec. 2023 |
| • <b>National University Student Innovation Development Program (202110055032)</b><br><i>Analyzed big data pricing discrimination and antitrust pathways</i>                             | Feb. 2021 - Jun. 2023 |

## TEACHING EXPERIENCE

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| • <b>Intermediate Econometrics (ECON0335)</b> , 143 undergraduates, STATA Lab Course) | Sep. 2024 - Feb. 2025 |
| • <b>Microeconometrics (ECON0300)</b> , 28 undergraduates, R Lab Course)              | Feb. 2024 - Jun. 2024 |
| • <b>Econometrics (ECON0334)</b> , 22 undergraduates, STATA Lab Course)               | Feb. 2023 - Jun. 2023 |

## SOCIAL EXPERIENCE

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### Community Involvement

Sep. 2019 - Jun. 2023

*Participant: 6 voluntary service activities (222.1 hours); 7 social practice activities (178 hours)*

### Student Leadership

Sep. 2019 - Aug. 2021

*Director: 7 evaluation meetings (covering 39 classes, 23 associations, and 126 individuals)*

## SKILLS

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- **Programming and Software:** R; Python; Matlab; Stata; LaTeX
- **Soft Skills:** Self-motivated; Energetic; High sense of responsibility
- **Languages:** English (Fluent, GRE 330), Mandarin (Native), Minbei Dialect (Native)

## AWARDS

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*Chinese Economists Society (CES) 2024 Camphor Young Scholar Best Paper Award* 2024

*Chinese Graduate National Scholarship* 2024

*Nankai University Merit Graduate Student* 2024

*Nankai University “Gong Neng” First Prize Scholarship (Three Times)* 2022 - 2024

*Silver Prize of Tianjin Region “Internet +” Innovation and Entrepreneurship Competition* 2022

*Nankai University “Theory Star” Top Ten* 2021

## CONFERENCES

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*Annual Conference of the Chinese Input-Output Association (CIOA, Xiamen, CHN)* Aug. 2025

*International Conference on Econometrics and Statistics (ICES, Harbin, CHN)* Jul. 2025

*Chinese Economists Society China Annual Conference (CES, Guangzhou, CHN)* Jul. 2025

*Annual Conference of Government and Economics (SAGE, Beijing, CHN)* Jun. 2025

*International Symposium on Econometric Theory and Applications (SETA, Macao, CHN)* Jun. 2025

*Chinese Economists Society China Annual Conference (CES, Hangzhou, CHN)* Jul. 2024

*International Symposium of Quantitative Economics (ISQE, Shanghai, CHN)* Jul. 2024

*International Association for Applied Econometrics Annual Conference (IAAE, Xiamen, CHN)* Jun. 2024

*International Symposium on Advances in Panel Data and Time Series Econometrics (Xiamen, CHN)* Jul. 2023

## REFERENCES

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### Prof. Qunyong Wang

*Professor, Director of Institute of Quantitative Economics, School of Economics, Nankai University, Tianjin, CHN*

E-mail: brynewqy@nankai.edu.cn

### Prof. Long Feng

*Professor, School of Statistics and Data Science, Nankai University, Tianjin, CHN*

E-mail: flnankai@nankai.edu.cn

### Assoc. Prof. Carl Shu-Ming Lin

*Associate Professor, Associate Dean of Faculty for the Division of Social Sciences, College of Arts and Sciences, Bucknell University, Lewisburg, Pennsylvania, USA*

E-mail: sml028@bucknell.edu