

# Chufan Lai

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## RESEARCH INTERESTS

Applied Econometrics, Network Econometrics, Political Economy, Economics of Education

## EDUCATION

<b>School of Economics, Nankai University</b> <i>Institute of Quantitative Economics</i> Cumulative GPA: <b>94.58/100</b>	Sep. 2023 - Jun. 2026 (Expected Graduation) Master of Economics (Research Track, Quantitative Economics) GPA Ranking: <b>1/155</b>
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<b>School of Economics, Nankai University</b> <i>Economics &amp; Business &amp; Law Comprehensive Edu. Pro.</i> Cumulative GPA: <b>89.94/100</b>	Aug. 2019 - Jun. 2023 Bachelor of Laws & Bachelor of Economics GPA Ranking: <b>1/45</b>
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### PhD Level Courses

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| • Advanced Econometrics I                        | <i>School of Economics, 1st place (98.0/100)</i>                   |
| • Advanced Econometrics II                       | <i>School of Economics, 1st place (94.4/100)</i>                   |
| • Advanced Mathematical Statistics               | <i>School of Economics, 1st place (96.0/100)</i>                   |
| • Statistical Inference in High-Dimensional Data | <i>School of Statistics and Data Science, 5th place (98.6/100)</i> |

### Academic Training Programs

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| • Government and Economics Workshop      | <i>Tsinghua University, Jul. 2025</i>                 |
| • Big Data and Causal Inference Workshop | <i>Tsinghua University, Fall 2023 &amp; Fall 2024</i> |
| • Camphor Young Scholars Summer School   | <i>Chinese Academy of Social Sciences, Jul. 2023</i>  |

## SELECTED RESEARCH EXPERIENCE

### Working Papers

- **Local Political Connections, Transaction Costs, and Input-output Linkages** [Draft]
  - Coauthors: *None (Sole author)* 2023 - Present
  - Journal: *Journal of Development Economics* Oct. 2025
  - Status: *Under review*
- **Human Capital Mobility under the Iron Curtain: International Student Network and International Sanction Network** [Draft] [Chinese Economists Society Camphor Young Scholar Best Paper]
  - Coauthors: *Prof. Qunyong Wang* 2023 - Present
  - Journal: *Journal of Applied Econometrics* Aug. 2025
  - Status: *Under review*
- **The Dual Leadership Effects on Attractiveness of Chinese Universities: Evidence from Two-Layer Social Network Analysis**
  - Coauthors: *Prof. Qunyong Wang* 2022 - Present
  - Journal: *Economics of Governance* Sep. 2025
  - Status: *Under review*
- **High-Quality Population Development: Measurement, Decomposition, and Its Support for High-Quality Economic Development** (Chinese)
  - Coauthors: *Prof. Qunyong Wang, Prof. Xin Yuan* 2022 - Present
  - Journal: *Statistical Research* (A leading journal in statistics in China) Jun. 2025
  - Status: *Forthcoming*

### Work in Progress

- **Identifying the Geometry of Latent Space Models with Aggregated Relational Data** 2025 - Present
- **Production Network, Competitive Network, and Firm Knowledge Spillover** (Chinese) 2025 - Present  
with Prof. Qunyong Wang and Ms. Fan Yang (Ph.D. Candidate, Nankai University)
- **Official Rotations, Policy Uncertainty, and Regional Technological Dynamics** 2024 - Present
- **Relational Governance, Credit Misallocation, and Corporate Technological Innovation** 2024 - Present

## SELECTED RESEARCH EXPERIENCE (CONTINUED)

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### Research Assistant (Part-time)

- **Major Program of the National Social Science Foundation of China (22ZDA098)** Sep. 2022 - Dec. 2024  
*Designed a measurement indicator system for population development quality to investigate its impact on economics*  
Literature Review, Expert Consultations, Field Research, Data Cleaning, Data Analysis, and Report Drafting
  - **General Program of the National Social Science Foundation of China (22BJY160)** Sep. 2023 - Sep. 2025  
*Investigated the narrative of China's development through the lens of its network of political-economic institutions*  
Field Research, Data Collection, Data Cleaning, Data Visualization, Empirical Analysis, and Code Verification
  - **Special Program of the Ministry of Education of China (H0124703)** Jul. 2024 - Jun. 2025  
*Examined global higher education mobility and China's policies for attracting and retaining international students*  
Data Curation, Network Modeling, Counterfactual Simulation Method Development, and Policy Proposal Drafting
  - **Special Program of the Ministry of Education of China (H0121708)** Sep. 2022 - Dec. 2023  
*Analyzed the impact of the Chinese-characteristic dual leadership mode on student recruitment and teaching performance*  
Literature Review, Data Collection, Quantitative Analysis, Dual-layer Network Modeling, and Manuscript Drafting
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### Research Grant

- **National University Student Innovation Development Program (202110055032)** Feb. 2021 - Jun. 2023  
*Investigated the phenomena and market impacts of big data pricing discrimination to propose regulatory frameworks*  
Project Design, Project Application, Field Research, Survey Administration, Data Curation, and Manuscript Drafting

## TEACHING EXPERIENCE

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- **Intermediate Econometrics (ECON0335)**, 143 undergraduates, STATA Lab Course) Sep. 2024 - Feb. 2025
- **Microeconometrics (ECON0300)**, 28 undergraduates, R Lab Course) Feb. 2024 - Jun. 2024
- **Econometrics (ECON0334)**, 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 (203.39 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 [\[Code Sample\]](#); Stata [\[Code Sample\]](#); Python; Matlab; LaTeX
- **Soft Skills:** Self-motivated; Energetic; High sense of responsibility
- **Languages:** English (Fluent, TOEFL 91, GRE 330), Mandarin Chinese (Native), Minbei Dialect (Native)

## SELECTED AWARDS

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- *Chinese Economists Society Camphor Young Scholar Best Paper Award* 2024
- *Chinese Graduate National Scholarship (Awarded Twice)* 2024 & 2025
- *Nankai University Merit Graduate Student (Awarded Twice)* 2024 & 2025
- *Nankai University Gong Neng First Prize Scholarship (Awarded Four Times)* 2021 & 2022 & 2024 & 2025
- *Nankai University Yanbao Scholarship* 2025
- *Nankai University Bairui Trust Scholarship* 2024
- *Nankai University Graduate Recommendation Scholarship (1st Place)* 2023
- *Second Prize in Nankai University National University Student Innovation Development Program* 2023
- *Silver Prize in Tianjin Region "Internet +" Innovation and Entrepreneurship Competition* 2022
- *Nankai University Theory Star Top Ten* 2021
- *Third Prize in Nankai University Innovation Cup Paper Competition in Economics & Business & Law* 2021
- *Third Prize in Tsinghua University "JinJingLeDao" National Economic Analysis Competition* 2020

## SELECTED CONFERENCES

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- *Annual Conference of the Chinese Input-Output Association (CIOA, Xiamen)* Aug. 2025
- *International Conference on Econometrics and Statistics (ICES, Harbin)* Jul. 2025
- *Chinese Economists Society China Annual Conference (CES, Guangzhou)* Jul. 2025
- *Annual Conference of Government and Economics (SAGE, Beijing)* Jun. 2025
- *International Symposium on Econometric Theory and Applications (SETA, Macao)* Jun. 2025
- *Chinese Economists Society China Annual Conference (CES, Hangzhou)* Jul. 2024
- *International Association for Applied Econometrics Annual Conference (IAAE, Xiamen)* Jun. 2024