

Jiacheng Zheng

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<https://karcen.github.io/zhengjiacheng.github.io/>

Shandong University, Weihai Campus, Huancui District, Weihai, Shandong Province, China

Education

2022–26* **B.Sc. Candidate**, Shandong University
2019–21[†] **Chemical Engineering**, Dalian University of Technology

Research Experience

2025.02–05 Research Intern, [The Hong Kong University of Science and Technology](#), Hong Kong, China (Project: Data Science and Data Alignment; with Jiaming Ji and Boyuan Chen, Peking University)
2024.04–08 Research Assistant (Online Project), [The Bartlett School of Sustainable Construction](#), University College London (Supervisors: Prof. Zhifu Mi, Dr. Haoran Zhang; Project: Build Intergovernmental Panel on Climate Change(IPCC) Reference)
2023– Research Assistant, [Institute of International Studies](#), Shandong University (Supervisors: Prof. Yuan Li, Dr. Jamal Khan; Focus: Data Science, Input-Output Analysis, Global Value Chains Decomposition)

Awards & Honors

2025 IIOA Travel Grant (\$3000)
2023 National Encouragement Scholarship, Shandong University (\$694) (¥5,000)²
2023 Tertiary Scholarship of Distinction, Shandong University (\$139) (¥1,000)
2023 PwC Open Day Travel Grant, Golden Education (\$63) (¥450)
2020 National Scholarship, Dalian University of Technology (\$1,111) (¥8,000)
2020 Secondary Scholarship, Dalian University of Technology (\$69) (¥500)
2020 Scholarship for Excellence in Character and Civic Spirit, Dalian University of Technology (\$56) (¥400)

Publications

[ORCID](#)

† → Equal contribution

*Expected graduation in 2026.

[†]Withdrew in 2021 to prepare for Gaokao retake.

²All RMB-to-USD conversions are approximate, using an exchange rate of 1 USD ≈ 7.2RMB(2025).

Journal Articles(including acknowledgment)

- J1. Khan, J., Li, Y. & Girardin, E. The effectiveness of Unilateral vs. multilateral Carbon adjustment mechanisms under WTO and Climate rules. *One Earth*. Under Review; contributed to data analysis, model development and visualization (Under Review).
- J2. Khan, J., Li, Y. & **Zheng, J.** Sectoral growth dynamics, domestic linkages, and GVC movement in Pakistan: A single and multi-regional input-output modeling approach. *Review of Development Economics*. Under Review (Under Review).
- J3. Xiao, X., Khan, J. & **Zheng, J.** Structural changes and sectoral linkages: Unveiling the ICT sector's role in China and India. *Telecommunication Policy*. Under Review (2025).
- J4. **Zheng, J.**, Khan, J. & Alam, Z. Agglomeration economies and regional inequalities: Theory and evidence from provincial China. *Journal of Chinese Economic and Business Studies*. Minor revision (2025).
- J5. Khan, J. & Li, Y. Linkages and Structural Changes in the Chinese Financial Sector, 1996–2018: A Network and Input–Output Approach. *Structural Change and Economic Dynamics*. Acknowledged (2023).

Peer-reviewed Conference Proceedings

- C1. Chen, B., Hong, D., Ji, J., **Zheng, J.**, Dong, B., Zhou, J., Wang, K., Dai, J., Wang, X., Chen, W., Zheng, Q., Li, W., Han, S., Guo, Y. & Yang, Y. *InterMT: Multi-Turn Interleaved Preference Alignment with Human Feedback* in. Under Review at NeurIPS 2025 (2025). <https://pku-intermt.github.io>.
- C2. **Zheng, Jiacheng**. *Linkages and Structural Changes in the Chinese Financial Sector, 1996–2018 in 31st International Input-Output Association Conference*. Oral Presentation (Malé, June 2025). <https://karcen.github.io/zhengjiacheng.github.io/PDF/2025%20IIOA%20Conference%20Linkages%20and%20Structural%20Changes%20in%20the%20Chinese%20Financial%20Sector,%201996%E2%80%932018%20A%20Network%20and%20Input%E2%80%9320Output%20Approach.pdf>.
- C3. **Zheng, Jiacheng**. *Agglomeration Economies and Regional Inequality in Provincial China in The 10th International Workshop on RUSE in China*. Oral Presentation (Peking University, 2023). https://karcen.github.io/zhengjiacheng.github.io/PDF/RUSE_Agglomeration%20Economies%20and%20regional%20inequalities,Theory%20and%20Evidence%20from%20Provincial%20China.pdf.

Books

- B1. Li, Y. & Khan, J. *Wind from the East: How the Belt and Road Initiative Connects Continents to Unleash Economic Potential*. Acknowledged (Peter Lang, in process).
- B2. Crespo, R. & Rodríguez-Pose, A. *Innovation and Regional Growth in Europe* (ed Ren, J.) Translated Chapter 3: "Geographical Accessibility and Human Capital Accumulation" (Economic Management Press, Beijing, 2024).

Tools & Software

Technical Skills and Interests

Languages and Communication

Chinese (Native), English (IELTS 7)

Software Proficiency

Office Suite (Advanced), Adobe Suite (Intermediate), IBM-SPSS (Intermediate), OriginLab (Intermediate), Matlab (Intermediate), Python (Intermediate), C (Intermediate), STATA (Basic), R (Basic)

Mathematical Background

Calculus I, SDU: 98/100; Calculus II, DUT: 92/100; Linear Algebra, SDU: 90/100

Probability and Mathematical Statistics Theory, DUT: 88/100

College Physics (Classical Mechanics and Optics, DUT): 98/100

College Physics (Electromagnetism and Quantum Mechanics, DUT): 100/100

Research Interests

Data Science, Input–Output Analysis, Global Value Chains (GVCs), Large Language Models (LLMs)

Teaching

Shandong University, School of Northeast Asian Studies

2024 Teaching Assistant, Social Science Research Methods for Graduate Students (Post-graduate Course, Class of 2023)

Dalian University of Technology

2020 Informal Teaching Contributor, College Physics I & II (Class of 2019): Provided detailed homework solutions and conceptual explanations, published on [Zhihu](#), complementing the course’s formal instruction.

2020 Mathematics Course Representative, Advanced Calculus A2 : Regularly updated solution sets to textbook exercises, compiled and distributed “Daily n Problems of Calculus” ($n \in \mathbb{Z}$, June 20 – August 9) on [Zhihu](#), and maintained archives of in-class quizzes, midterm, and final exam papers for peer reference.

Academic Advising

Graduate

2025 Currently an undergraduate student; no graduate advisement experience yet.

Undergraduate

2025 Coming Soon.

Academic Service

Journal Reviewer

2025 Assisting advisor in peer review for *Journal of Chinese Economic and Business Studies* (not an official reviewer)

Memberships

2025 Member, **International Input-Output Association (IIOA)**
2023 Member, **Chinese Society of Optimization, Overall Planning, and Economical Mathematics**
2023 Member, **Beijing Society of Image and Graphics**

Other Experience

2024– Community Leader on Secondment, Tian Village, Weihai, Shandong Province, China (Organized by Shandong University (Weihai); involved in tutoring, health education, and social outreach)
Summer
2023 Management Trainee, Marketing Department, [Golden Education](#), Weihai (Conducted branding activities, peer advising, and student outreach via new media platforms)

Last updated: June 9, 2025