

# WENHUA QI

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## EDUCATION

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**MSc in Economics**, University of Bristol, United Kingdom

Sep 2024 - Dec 2025

- Current GPA: 78/100, with Distinction (Expected)
- Relevant Courses: Microeconomics, Macroeconomics, Econometrics, Empirical Industrial Organization (PhD-level), Labour Economics, and Program Evaluation.
- Dissertation title: *Sense the City: Does AI-Powered Technology Improve Police Productivity?*

**BSc in Economics**, Nanjing Audit University, China

Sep 2020 - June 2024

- Economics programme ranked **45th** out of 198 universities in China
- GPA: 85.1/100, Ranking: 18/102
- Dissertation title: *The Subjective Welfare Effects of Robot Adoption: Evidence from Empirical Study Based on the China Family Panel Studies Data.*

## PUBLICATION & WORKING PAPERS

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- [1] *Do Industrial Robots Matter for Corporate Environmental Governance? Evidence from Chinese Firms* (with Fushu Luan, Wentao Zhang, and Victor Chang). 2025. Information Technology & People (JCR Q1 & ABS3 ), Vol. 38 No. 3, pp. 1152-1177. Available at: <https://doi.org/10.1108/ITP-12-2022-0963>.
- [2] *Short-Term vs. Long-Term: The Dual Pathways of Urban Technology and Innovation in Boosting Energy Efficiency* (with Zhonghui Zhang and Fushu Luan). Under review at Empirical Economics (JCR Q2 & ABS2). Dec, 2024. Manuscript available upon request.

## RESEARCH EXPERIENCE

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**Primary Investigator (PI)**, Nanjing Audit University

Sep 2021 - July 2023

Program Name: National University Student Innovation & Entrepreneurship Development Program (¥10,000)

Project Title: *Exploration and Predictive Analysis on the Impact of Industrial Robot Development on Environmental Performance in the Era of Artificial Intelligence*

- Led the project implementation, organizing the team for data collection, managing resources, and ensuring efficient budget allocation
- Collaborated closely with the mentor on research development and idea exchange for the project
- Conducted data processing and empirical analysis using panel data from Chinese listed firms and prefecture-level cities, contributing to the creation of the article

**Research Assistant**, Xi'an Jiaotong-Liverpool University

Jan 2022 - Feb 2022

Project Title: *Power of Local Officials in China*

Supervisor: Prof. Chen Yang and Hongsheng Yan, Xi'an Jiaotong-Liverpool University

- Assembled and led a team in data processing, resolving challenges and addressing project-related issues together
- Utilized Python to convert unstructured resume data of Chinese officers into structured formats for analysis

## RELEVANT PROFESSIONAL EXPERIENCE

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**Conference and Summer School:** 2nd Global Urban Governance and Policy Conference, Shanghai Jiao Tong University, Shanghai, June 2024; 11th International Workshop on Regional, Urban, and Spatial Economics in China, Southeast University, Nanjing, June 2024; Frontier Theories and Methods in Economics and Management, Nantong University, Nantong, July 2024.

**Peer Reviewer:** Bristol Institute for Learning and Teaching (BILT) Student Research Journal, University of Bristol, Bristol, *Dec 2024-Sep 2025*.

**Editor and Contributor:** Xiangzhang Economics Research Hub, a WeChat official account with about 230,000 readers. Selected articles: All You Need is Love (in Chinese, nearly 7,000 views).

COMPETITION EXPERIENCE

**The 10th National Statistical Modelling Competition** *Feb 2024 – Jun 2024*

- Analyzed heterogeneous impacts of industrial robot and AI adoption on energy intensity in Chinese cities using advanced spatial econometric models (Spatial Durbin, Spatial DID)
- Created spatial analysis maps in ArcGIS
- Ranked top **2.74%** of 21,386 teams, awarded National Second Prize

**China Undergraduate Mathematical Contest in Modelling (CUMCM)** *Sep 2022*

- Applied econometric and machine learning models (Stochastic Forest) for mathematical modelling tasks
- Awarded Third Prize in Jiangsu Province Division

**5th International Economic Analysis and Decision-Making Competition** *Jun 2022 – Sep 2022*

- Simulated production and purchasing decisions using econometric and machine learning models to estimate production functions and predict labour demand
- Ranked top **6.04%** among 480 teams, awarded National Second Prize

INTERNSHIP EXPERIENCE

**Audit Assistant**, Gongzheng Tianye Certified Public Accountants *Jan 2022 – Feb 2022*

- Assisted in auditing by reviewing vouchers and financial documents to ensure compliance.
- Developed a Python script to automatically scrape company addresses and phone numbers from Qichacha for verification purposes, improving efficiency.

SELECTED GRANTS AND HONORS

- Think Big Postgraduate Scholarship (£6,500), University of Bristol. *2024*.
- Second Class Overall Award (¥1200 Annual, Top 10%), Nanjing Audit University *2022-2024*.
- Outstanding Graduates, Nanjing Audit University. *2024*.

SKILLS

Software	Stata, Python, MATLAB, ArcGIS/QGIS, and LaTeX
Language	English (Fluent), Mandarin (Native), Spanish (Beginner)

REFERENCES

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