

Wenlan (Tony) Xie

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Education

The University of Chicago, United States *Sep 2025 – Jun 2026*

Master of Arts in Economics

Selected Coursework: Microeconomics, Macroeconomics, Econometrics, Real Analysis

The University of Sydney, Australia

Mar 2021 – Jan 2023

Master of Data Analytics for Business (Distinction)

Selected Coursework: Data Analytics, Machine Learning, Structural Modeling

The University of Canterbury, New Zealand

Mar 2017 – Jul 2020

Bachelor of Commerce in Operations and Supply Chain Management

Selected Coursework: Operations Research, Economics, Management, Marketing

Publications

- [1] Tian, H., Sun, K., & **Xie, W.** (Corresponding). (2025). *From responsibility to resilience: How targeted poverty alleviation strengthens firms*. **Post-Communist Economies**, 37(4), 386–403.
- [2] Yu, Z., **Xie, W.** (Co-first), Guo, J., & Yang, Z. (2024). *Green effect of energy transition policy: A quasi-natural experiment based on new energy demonstration cities*. **Finance Research Letters**, 105669.
- [3] Guo, Y., **Xie, W.**, & Yang, Y. (2024). *Dual green innovation capability, environmental regulation intensity, and high-quality economic development in China*. **Finance Research Letters**, 63, 105275.
- [4] Zhang, S., **Xie, W.**, Sun, S., Wu, F., & Xue, Y. (2024). *Nexus of green energy innovation, governance quality, and CO₂ emissions in natural resource sector*. **Resources Policy**, 88, 104493.
- [5] Dong, W., **Xie, W.** (Corresponding), & Wu, F. (2023). *Analysis of new energy and environmental factors and economic benefits of urban land use*. **Renewable Energy and Power Quality Journal**, 21(5).
- [6] **Xie, W.**, & Tian, H. (2023). *The effect of the COVID-19 pandemic on corporate trade credit financing*. **Economics Letters**, 232, 111339.

Working Papers

- Predicting Movie Success with Multi-Task Learning: A Hybrid Framework Combining GPT-Based Sentiment Analysis and SIR Propagation. (arXiv:2509.02809)
- Short-Term Price Anchors and Future Returns: Evidence from the Chinese Stock Market. (with H. Tian and Y. Zhang)
- Integrating Monetary and Environmental Goals: Exploring the Impact of Green Monetary Policy on Corporate Environmental Disclosure. (with H. Tian)
- Reading Between the Reels: AI-Powered Analysis on Movie Review Sentiment as a Predictor of Market Returns. (with H. Tian and Y. Zhang)

Conference Presentations

- 12th SIIFC & 8th Shanghai–Edinburgh–London–Cape Town Green Finance and Accounting Conference, Shanghai, China, Jun 2024.
- INFORMS Marketing Science Conference, Sydney, Australia, Jun 2024.
- INFORMS Annual Meeting, Seattle, United States, Oct 2024.
- 5th Vietnam Symposium on Global Economic Issues, Ho Chi Minh City, Vietnam, Oct 2024.
- Global Chinese Accounting Association (GCAA) Summit, Perth, Australia, Nov 2024.
- INFORMS International Meeting, Singapore, Jul 2025.

Research Experience

The University of Hong Kong, Hong Kong *Sep 2023 – Jul 2025*

Research Assistant - I, Faculty of Business and Economics (Supervisor: Dr. Guoman She)

- Conducted econometric analyses on large U.S. disclosure datasets using Stata and Python.
- Performed regression diagnostics, robustness checks, and significance testing for journal submissions.
- Assisted in literature reviews and grant proposals, contributing empirical insights and structured documentation.

China–Australia Chamber of Commerce, Australia

Jun 2022 – Dec 2022

Research Assistant

- Analyzed policy and trade reports to evaluate the Belt and Road Initiative's implications for Australian firms.
- Used Python and Tableau for quantitative visualization of firm-level financial trends.
- Presented summarized findings to cross-sector policy and business stakeholders.

Professional Experience

Career International Co. Ltd, China

Feb 2023 – Aug 2023

Software Engineer

- Developed and optimized metric configuration platforms, shortening development cycles by 30 days.
- Utilized MySQL and Yarn for distributed big-data task management.
- Identified 300+ platform issues and implemented efficiency-driven fixes.

Microsoft Corporation, China

Jun 2020 – Mar 2021

Data Analyst

- Automated customs declaration processes, saving 20 hours weekly.
- Optimized logistics operations, reducing annual costs by \$1.5 million.
- Designed data-driven operational strategies that improved efficiency by 15%.

Awards and Honors

- Research Award on Global Business, Economies, Finance & Social Science, Mar 2024.
- Distinguished Staff Award, Aug 2023.
- Vice Chancellor's Global Mobility Scholarship, Jun 2022.
- Zhejiang University Global Program Scholarship, May 2022.

Reviewer Service

Review of Quantitative Finance and Accounting, Discover Sustainability, Humanities & Social Sciences Communications, Economics of Governance, Information Processing & Management, International Review of Economics & Finance, Scientific Reports, Energy Efficiency

Skills

Research and Econometrics: Data Analysis, Panel Regression, Text Mining, Academic Writing

Programming: Python, Stata, R, LaTeX, JavaScript

Machine Learning: TensorFlow, PyTorch, Keras, Scikit-learn

Technical Tools: Web Crawling, Data Warehousing, High-Dimensional Modeling

Languages: Mandarin (Native), English (GRE: V165 / Q170 / AW3.5)