Qian Jia

College of Management and Economics, Tianjin University
92 Weijin Road, Tianjin, PR China, 300072

qianjia@tju.edu.cn
https://qian-jia.github.io

RESEARCH AREAS

Decision Making Under Uncertainty, Business Analytics, Machine Learning, Reinforcement Learning,

Cybersecurity, Omnichannel Strategies, Live Commerce

EDUCATION

Ph.D. 2020-25	School of Business, Nanjing University, Nanjing, China *Business Administration (Management Information Systems)*
M.S. 2017-20	International Business School, Shaanxi Normal University, Xi'an, China *Technology Economics and Management*
B.S. 2013-17	School of Economics and Management, Chang'an University, Xi'an, China *Business Administration*

APPOINTMENTS

2025-	Tianjin University Assistant Professor, College of Management and Economics

RESEARCH EXPERIENCE

2022-24	Visiting Scholar, The University of Texas at Dallas, Richardson, TX, USA Advisor: Syam Menon
2020-22	Research Assistant, Nanjing University, Nanjing, China Advisor: Zhengrui (Jeffrey) Jiang
2017-20	Research Assistant, Shaanxi Normal University, Xi'an, China Advisor: Xue Li

PUBLICATIONS

Journal Articles

2026	Jia, Q., Jiang, Z., Menon, S. "Enabling Ultra-Fast Online Order Fulfillment: Efficient Inventory Management for Micro-Fulfillment Centers." *INFORMS Journal on Computing* (UTD 24), forthcoming.
2025	Jia, Q., Lin, L. "Optimal Live Selling Strategies for Brands: The Role of Effort Costs." *Information Technology and Management*, https://doi.org/10.1007/s10799-025-00449-2.

Working Papers

Jia, Q., Qu, X., Jiang, Z. "A Dynamic Patching Policy for Enterprise Information Systems." *Production and Operations Management* (UTD 24), under the 2nd round review.

Conference Papers and Presentations

2024   Jia, Q., Qu, X., Jiang, Z., Wang, C. "Enterprise Security Patch Management with Deep Reinforcement Learning." *International Conference on Information Systems (ICIS) 2024*. Bangkok, Thailand. Dec 15–18.

2024   Jia, Q., Jiang, Z., Wang, C. "Security Patch Management with Action-Decomposed Reinforcement Learning." *Conference on Information Systems and Technology (CIST) 2024*. Seattle, WA. Oct 19–20.

2023   Jia, Q., Menon, S., Jiang, Z. "Security Patch Management Based on Multi-Agent Reinforcement Learning." *2023 INFORMS Annual Meeting*. Phoenix, AZ. Oct 15–18.

2023   Jia, Q., Menon, S., Jiang, Z. "Micro-Fulfillment Center Inventory Policies for Digital Grocery Ecosystem." *PACIS 2023*. Nanchang, China. Jul 8–12.

2023   Jia, Q., Qu, X., Jiang, Z. "Pioneer or Laggard? Optimal Timing of Enterprise System Patching." *POMS 33rd Annual Conference*. Orlando, FL. May 21-25.

2021   Jia, Q., Qu, X., Jiang, Z. "A Dynamic Patching Policy for Enterprise Information Systems." *CSWIM 2021*. Online. Jun 26–28.
            Best Workshop Paper Award (Runner-Up)

2019   Li, X., Jia, Q., Chen, X., Fan, X. "Factors Affecting Consultation Volume in an Online Healthcare Community: Evidence from Online Data in China." *WHICEB 2019*. Wuhan, China. May 24–26.

AWARDS AND HONORS

2021   Best Workshop Paper Award (Runner-Up), The 14th China Summer Workshop on Information Management (CSWIM).

2020-23   Graduate Student Scholarship, Nanjing University.

2019   Outstanding Graduate Student Award, Shaanxi Normal University.

2019   Graduate Student Leadership Award, Shaanxi Normal University.

2017-19   Graduate Student Scholarship, Shaanxi Normal University.

SERVICE

Academic Journal Peer Review

2026   Electronic Commerce Research and Applications

2025   Frontiers of Engineering Management

Conference Sessions Organized

2024   "Emerging Technology and Decision Analysis." *Decision Analysis Cluster, 2024 INFORMS Annual Meeting*. Seattle, WA. Oct 20–23.

Conference Peer Review

2024-25   International Conference on Information Systems (ICIS)

2024   Conference on Information Systems and Technology (CIST)

2023   Pacific Asia Conference on Information Systems (PACIS)

MEMBERSHIPS

INFORMS, AIS, POMS

LANGUAGES AND SKILLS

English, Chinese

Python, R, Mathematica, LaTeX

Updated January 2026