YAQI XIE

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EDUCATION

The University of Chicago Booth School of Business   Chicago, IL
Ph.D. in Operations Management   2022–Present
Advisors: Prof. Linwei Xin and Prof. Will Ma

Zhejiang University   Hangzhou, China
B.S. in Mathematics and Applied Mathematics   2017–2021

PREPRINTS AND PUBLICATIONS

1. Yaqi Xie, Xinru Hao*, Jiaxi Liu*, Will Ma, Linwei Xin, Lei Cao*, Yidong Zhang*. DeepStock: Reinforcement Learning with Policy Regularizations for Inventory Management.
   - Finalist for the INFORMS Daniel H. Wagner Prize, 2025

2. Yaqi Xie, Will Ma, Linwei Xin. VC Theory for Inventory Policies.
   Major Revision at *Management Science*.
   - Finalist for the INFORMS APS Best Student Paper Prize, 2025
   - Selected for presentation in the MSOM Supply Chain Management SIG, 2024

3. Yaqi Xie, Will Ma, Linwei Xin. The Benefits of Delay to Online Decision-Making.
   Management Science, 2025.
   - Selected for presentation in the MSOM Supply Chain Management SIG, 2023
   - Covered in Chicago Booth Review, 2023 [Link]

4. Yaqi Xie, Zizhuo Wang. Dynamic Seat Selection Surcharge and Allocation Policy in Selling High-Speed Train Tickets. *Production and Operations Management*, 2025.

(An asterisk (*) indicates an industrial collaborator.)

PRESENTATIONS

DeepStock: Reinforcement Learning with Policy Regularizations for Inventory Management:

- NeurIPS 2025 MLxOR Workshop (Poster), San Diego, CA	12/2025
- INFORMS Annual Meeting, Atlanta, GA	10/2025

VC Theory for Inventory Policies:

- INFORMS Annual Meeting, Atlanta, GA	10/2025
- INFORMS RMP Section Conference, New York, NY	07/2025
- INFORMS APS Conference, Atlanta, GA	06/2025
- INFORMS Annual Meeting, Seattle, WA	10/2024
- International Symposium on Mathematical Programming (ISMP), Montréal, Canada	07/2024
- INFORMS MSOM Conference, Minneapolis, MN	06/2024

The Benefits of Delay to Online Decision-Making:

  - INFORMS Annual Meeting, Phoenix, AZ   10/2023
  - INFORMS MSOM Conference, Montréal, Canada   06/2023
  - POMS Annual Conference, Orlando, FL   05/2023
  - OM PhD Lunch, Booth School of Business   04/2023

TEACHING EXPERIENCE

Teaching Assistant, Booth School of Business:

  - BUSN 40000: Operations Management (MBA)   Winter 2025

  - BUSN 20520: Supply Chain Management (Undergraduate)   Winter 2025

  - BUSN 36900: Linear Programming (Ph.D.)   Fall 2023

HONORS AND AWARDS

Finalist for the INFORMS 2025 APS Best Student Paper Prize   2025

Finalist for the INFORMS 2025 Daniel H. Wagner Prize   2025

Outstanding Graduate of Zhejiang University & Zhejiang Province   2021

National Scholarship, Chinese Ministry of Education   2018

ACADEMIC SERVICE

Journal ad-hoc reviewer: *Management Science, Manufacturing & Service Operations Management, Operations Research*

OTHER EXPERIENCE

Cardinal Operations	Beijing, China
Algorithm Engineering Intern	03/2022–06/2022
School of Data Science, CUHK-Shenzhen	Shenzhen, China
Research Assistant, supervised by Prof. Zizhuo Wang	07/2021–12/2021

SKILLS

Programming Languages: Python, MATLAB