

YAQI XIE

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5807 South Woodlawn Avenue, Chicago, IL 60637

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*, Jiayi Liu*, Will Ma, Linwei Xin, Lei Cao*, Yidong Zhang*. [DeepStock: Reinforcement Learning with Policy Regularizations for Inventory Management](#).
 - Finalist for the INFORMS 2025 Daniel H. Wagner Prize
2. Yaqi Xie, Will Ma, Linwei Xin. [VC Theory for Inventory Policies](#).
Major Revision at *Management Science*.
 - Finalist for the INFORMS 2025 APS Best Student Paper Prize
 - 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 03/2022–06/2022
- Algorithm Engineering Intern
- School of Data Science, CUHK-Shenzhen, Shenzhen, China 07/2021–12/2021
- Research Assistant, supervised by Prof. Zizhuo Wang

SKILLS

Programming Languages: Python, MATLAB