

Yaqi Xie

5807 South Woodlawn Avenue, Chicago, IL 60637

Email: yaqi.xie@chicagobooth.edu Homepage: <https://xieyaqi188.github.io/>

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:

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| - 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:

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| - 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:

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|---|-------------|
| - 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

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| 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

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|---|-----------------|
| 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