Zhiqi Zhang

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RESEARCH INTERESTS

Machine Learning, Causal Inference, Field Experiment, Structural Model, Platform Operations

EDUCATION

Washington University in St. Louis
- Ph.D. in Supply Chain, Operations, and Technology   2021–now
- Advisor: Dennis J. Zhang

Shanghai Jiao Tong University
- B.Eng. in Industrial Engineering   2016–2020

Yale University
- Summer Session   Jul. 2017–Aug. 2018

PUBLICATIONS

1. Deep Learning Based Causal Inference for Large-Scale Combinatorial Experiments: Theory and Empirical Evidence, with Zikun Ye, Dennis Zhang, Heng Zhang, Renyu Zhang, *Forthcoming at **Management Science***.

WORKING PAPERS

1. Personalized Policy Learning through Discrete Experimentation: Theory and Empirical Evidence, with Zhiyu Zeng, Ruohan Zhan, Dennis Zhang, *work in progress*.

2. The Impacts of Recommendations on Consumption and Creation on Online Content-Sharing Platforms, with Zhiyu Zeng, Dennis Zhang, Tat Chan, working paper to be submitted.

3. Bias in Offline Retailing Experiment: Evidence and Solution, with Jiayi Zhang, Ruohan Zhan, Dennis Zhang, work in progress.

TEACHING EXPERIENCE

Guest Lecturer
- Stochastic Models for Production and Service Systems   Spring 2024

Teaching Assistant
- Undergraduate Core: Operations Analytics   2023 Spring
- Master Core: Operations Analytics   2023 Spring
- Master Core: Operations Management   2023 Spring, 2022 Fall
- PhD Core: AI & Machine Learning for Business Applications   2022,23,24 Fall
- PhD Core: Dynamic Programming   2024 Fall

HONORS AND AWARDS

- Buchan Prize Paper Competition, Olin Business School 2025   2025
- Moog Scholar Award, Olin Business School   2025
- Second Prize, CSAMSE Best Paper Award   2023

PROFESSIONAL SERVICES	• Session Chair, 2024,2025 INFORMS Annual Meeting, 2024 POMS-HK Annual Meeting

CONFERENCE PRESENTATIONS

"Personalized Policy Learning through Discrete Experimentation: Theory and Empirical Evidence"

• POMS-HK International Conference, Hong Kong	2025
• INFORMS Annual Meeting, Seattle, WA	2024
• Conference on Digital Experimentation @ MIT, Cambridge, MA	2024
• MSOM Annual Meeting, Minneapolis, MN	2024
• POMS Annual Meeting, Minneapolis, MN	2024
• INFORMS Annual Meeting, Phoenix, AZ	2023

"Deep Learning Based Causal Inference for Large-Scale Combinatorial Experiments: Theory and Empirical Evidence"

• Workshop on Empirical Research in Operations Management, The Wharton School, Philadelphia, PA,	2023
• POMS Annual Meeting, Orlando, FL	2023
• INFORMS Annual Meeting, Indianapolis, IN	2022
• POMS Annual Meeting, Virtual Conference	2022

"The Impact of Recommendations on Consumption and Creation on Online Content-Sharing Platforms"

• POMS Annual Meeting, Orlando, FL	2023

INDUSTRY EXPERIENCE

• **Economist Research Intern**, Kwai.Inc	2020-2021
• **Consulting Project Lead**, Emerson (Spring 2025), Bunge (Spring 2024, Fall 2023), Express Scripts (Spring 2023)	

SKILLS

Programming Languages: Python, R, SQL, C/C++, HTML, LaTeX