

# Zhiqi Zhang

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CONTACT INFORMATION	401 Knight Hall St. Louis, MO 63105 USA	Phone: +1 (314) 255-3256 E-mail: <a href="mailto:z.zhiqi@wustl.edu">z.zhiqi@wustl.edu</a> Website: <a href="https://zhiqizhang1229.github.io/">https://zhiqizhang1229.github.io/</a>
RESEARCH INTERESTS	Machine Learning, Causal Inference, Field Experiment, Structural Model, Platform Operations	
EDUCATION	<b>Washington University in St. Louis</b> <ul style="list-style-type: none"><li>• Ph.D. in Supply Chain, Operations, and Technology 2021–now</li><li>• Advisor: Dennis J. Zhang</li></ul> <b>Shanghai Jiao Tong University</b> <ul style="list-style-type: none"><li>• B.Eng. in Industrial Engineering 2016–2020</li></ul> <b>Yale University</b> <ul style="list-style-type: none"><li>• Summer Session Jul. 2017–Aug. 2018</li></ul>	
PUBLICATIONS	<ol style="list-style-type: none"><li>1. <a href="#">Deep Learning Based Causal Inference for Large-Scale Combinatorial Experiments: Theory and Empirical Evidence</a>, with Zikun Ye, Dennis Zhang, Heng Zhang, Renyu Zhang, <i>Forthcoming at <b>Management Science</b></i>.</li></ol>	
WORKING PAPERS	<ol style="list-style-type: none"><li>1. Personalized Policy Learning through Discrete Experimentation: Theory and Empirical Evidence, with Zhiyu Zeng, Ruohan Zhan, Dennis Zhang, <i>work in progress</i>.</li><li>2. <a href="#">The Impacts of Recommendations on Consumption and Creation on Online Content-Sharing Platforms</a>, with Zhiyu Zeng, Dennis Zhang, Tat Chan, <i>submitted to <b>Management Science</b></i>.</li><li>3. Bias in Offline Retailing Experiment: Evidence and Solution, with Jiayi Zhang, Ruohan Zhan, Dennis Zhang, <i>work in progress</i>.</li></ol>	
TEACHING EXPERIENCE	<b>Guest Lecturer</b> <ul style="list-style-type: none"><li>• Stochastic Models for Production and Service Systems Spring 2024</li></ul> <b>Teaching Assistant</b> <ul style="list-style-type: none"><li>• Undergraduate Core: Operations Analytics Spring 2023</li><li>• Undergraduate Core: Data Analytics in Python Spring 2025</li><li>• Master Core: Operations Analytics Spring 2023</li><li>• Master Core: Operations Management Spring 2023, Fall 2022</li><li>• Master Core: Data Analytics in Python Spring 2025</li><li>• PhD Core: AI &amp; Machine Learning for Business Applications Fall 2022,23,24</li><li>• PhD Core: Dynamic Programming Fall 2024</li></ul>	

HONORS AND AWARDS	<ul style="list-style-type: none"> <li>• Buchan Prize Paper Competition, Olin Business School 2025 2025</li> <li>• Moog Scholar Award, Olin Business School 2025</li> <li>• Second Prize, CSAMSE Best Paper Award 2023</li> </ul>
PROFESSIONAL SERVICES	<ul style="list-style-type: none"> <li>• Session Chair, 2024,2025 INFORMS Annual Meeting, 2024 POMS-HK Annual Meeting</li> </ul>
CONFERENCE PRESENTATIONS	<p><b>“Personalized Policy Learning through Discrete Experimentation: Theory and Empirical Evidence”</b></p> <ul style="list-style-type: none"> <li>• POMS Annual Meeting, Atlanta, GA 2025</li> <li>• POMS-HK International Conference, Hong Kong 2025</li> <li>• INFORMS Annual Meeting, Seattle, WA 2024</li> <li>• Conference on Digital Experimentation @ MIT, Cambridge, MA 2024</li> <li>• MSOM Annual Meeting, Minneapolis, MN 2024</li> <li>• POMS Annual Meeting, Minneapolis, MN 2024</li> <li>• INFORMS Annual Meeting, Phoenix, AZ 2023</li> </ul> <p><b>“Deep Learning Based Causal Inference for Large-Scale Combinatorial Experiments: Theory and Empirical Evidence”</b></p> <ul style="list-style-type: none"> <li>• Workshop on Empirical Research in Operations Management, The Wharton School, Philadelphia, PA, 2023</li> <li>• POMS Annual Meeting, Orlando, FL 2023</li> <li>• INFORMS Annual Meeting, Indianapolis, IN 2022</li> <li>• POMS Annual Meeting, Virtual Conference 2022</li> </ul> <p><b>“The Impact of Recommendations on Consumption and Creation on On-line Content-Sharing Platforms”</b></p> <ul style="list-style-type: none"> <li>• POMS Annual Meeting, Orlando, FL 2023</li> </ul>
INDUSTRY EXPERIENCE	<ul style="list-style-type: none"> <li>• <b>Economist Research Intern</b>, Kwai.Inc 2020-2021</li> <li>• <b>Consulting Project Lead</b>, Emerson (Spring 2025), Edward Jones (Spring 2024), Bunge (Fall 2023, Spring 2023), Express Scripts (Fall 2022)</li> </ul>
SKILLS	<b>Programming Languages:</b> Python, R, SQL, C/C++, HTML, L <sup>A</sup> T <sub>E</sub> X

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Last updated: May 2025