

Zijin Zhang

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EDUCATION	University of Michigan, Ross School of Business, Ann Arbor, MI	2019 - 2025 (expected)
	Ph.D. in Technology and Operations (GPA: 4.0+/4.0) Advisors: Hyun-Soo Ahn and Lennart Baardman	
	Nanjing University, Nanjing, China	2014 - 2018
	B.S. in Mathematics and Statistics	
	University of Wisconsin-Madison, Madison, WI	2017
	Exchange Student	

RESEARCH INTERESTS	Topics	Retail Analytics ◊ Inventory Management ◊ Societal Decision-Making
	Methodology	Dynamic Optimization ◊ Stochastic Analysis ◊ Approximation Algorithm

RESEARCH PAPERS	[1] More Data or Better Data? Impact of Costly Data Collection on the Newsvendor Problem, with Hyun-Soo Ahn and Lennart Baardman, under review at <i>Management Science</i> [link]	
	[2] Inventory Ordering and Product Ranking for Online Curation Retailers, with Hyun-Soo Ahn and Lennart Baardman, preparing for 2 nd round revision to <i>Manufacturing & Service Operations Management</i> [link] <ul style="list-style-type: none">Selected for SIG spotlight, MSOM 2024	
	[3] Capacity Scaling for Observable Queues, with Yang Li, Daniel Zhuoyu Long, and Rowan Wang, under review at <i>Manufacturing & Service Operations Management</i> [link] <ul style="list-style-type: none">Presented to China Municipal Health Commission to support national-level planning of COVID testing sites	
	[4] Beyond the Promise: Distributional Discordance in China's Pandemic Control, with Jingyang Rui, preparing for submission to <i>Comparative Political Studies</i> [link] <ul style="list-style-type: none">Ross China Research AwardSelected for oral presentation at APSA 2024	
	[5] Rethinking College Admissions: Can Test-Optional Policy Even the Playing Field? with Yao Cui and Stefanus Jasin, manuscript in preparation	
WORK-IN- PROGRESS	[6] Context-Aware Dynamic Data Collection, with Hyun-Soo Ahn and Lennart Baardman, results development stage	

TEACHING EXPERIENCE	Instructor , Operations Management (TO 313, BBA Core)	2021
	<ul style="list-style-type: none">Teaching evaluation: 4.9/5.0Class size: 75 junior students at the Ross School of BusinessRole: Served as solo instructor teaching twice a week (1.5 hours each) for a full semesterTopics: Process Analysis, Supply Chain and Sustainability, Revenue Management, etc.	
	Instructional Support , EMBA	
	<ul style="list-style-type: none">EMBA 610: Managerial Big Data AnalyticsEMBA Quantitative WorkshopEMBA 603: Business Analytics and Statistics for ExecutivesOnline Executive Education: Value Driven Thinking	2022, 2024 2021, 2024 2020, 2023 2022

	Teaching Assistant, MBA and PhD <ul style="list-style-type: none"> • MBA Analytics Primer Workshop 2024 • TO 550: Introduction to Data Programming 2024 • TO 718: Data Analytics 2023 • TO 593: Operations Management 2023 • TO 899: Inventory Theory (PhD Core) 2022 • TO 534: Introduction to Operations 2022 • TO 421: Logistics 2021 • TO 605: Manufacturing and Supply Operations 2019, 2020 • TO 618: Applied Business Analytics and Decisions 2020 	
EMPLOYMENT	Oracle, Burlington, MA 2022 Data Scientist Intern The Chinese University of Hong Kong, S.T., Hong Kong 2019 Junior Research Fellow China CITIC Bank, Beijing, China 2015 Credit Risk Analyst Intern	
HONORS& AWARDS	Rackham Doctoral Intern Fellowship 2024 Rackham Research Grant 2024 Spivey Hall Fellowship 2023 - 2024 – For academic and research excellence Rackham Conference Travel Grant 2020 - 2024 Ross China Research Award 2023 Thomas William Leabo Fellowship 2022 - 2023 – For academic and teaching excellence Doctoral Research Grant, Ross School of Business 2022 Early Candidacy Award, Ross School of Business 2021 Academic Scholarship, Nanjing University 2014 - 2018 Merit Student of Jiangsu Province 2017 Second Place, National Citi Cup Financial Innovation Application Contest 2016 First Prize, National Olympiad Informatics Contest 2013	
INVITED TALKS	Inventory Ordering and Product Ranking for Online Curation Retailers • INFORMS 2021, INFORMS 2022, MSOM 2023, Nanjing University 2023, MSOM SIG 2024 More Data or Better Data? Impact of Costly Data Collection on Newsvendor Problem • INFORMS 2023, MSSISS 2024, MSOM 2024, ISMP 2024, TTIC 2024 (poster), INFORMS 2024 Capacity Scaling for Observable Queues & Beyond the Promise • CSAMSE 2023, MSSISS 2024, APSA 2024, IWCP 2024	
COMMUNITY& ACADEMIC SERVICE	INFORMS Annual Conference Session Co-Chair 2024 Invited Speaker at INFORMS Panel: <i>Minority Issues Forum</i> 2024 Invited Speaker at Ross PhD Information Session 2020 - 2024 Student Organizer for Technology & Operations Seminar 2022 - 2023 Invited Speaker at Ross GSI Teaching Panel 2022 Communication and Social Chair, Ross School of Business PhD Forum 2020 - 2022 Advisory Board for <i>Rem & Co.</i> (free consulting service to minority-owned local business) 2021 Doctoral Program Peer-to-Peer Mentor, University of Michigan 2020 Communication Fellow, Nanjing Museum 2015 - 2017 Vice President, Department of Mathematics, Nanjing University 2015	

ADDITIONAL

Programming: C++, Python, Pascal, Matlab, R, Stata, SQL, L^AT_EX

Languages: English (professional) / Mandarin (native)

Interests: Avid hiker, squash player, rock climber, tennis learner, and nature explorer

REFERENCES

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