

Zijin Zhang

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EDUCATION	University of Michigan, Ross School of Business , Ann Arbor, MI	2019 - 2025 (<i>expected</i>)
	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	Data-Driven Decision Making ◊ Retail Management ◊ Non-Profit Operations
	Methodology	Optimization ◊ Approximation Algorithm ◊ Statistical Learning

RESEARCH PAPERS	[1] Inventory Ordering and Product Ranking for Online Curation Retailers, with Hyun-Soo Ahn and Lennart Baardman, under review at <i>Manufacturing & Service Operations Management</i> [link] <ul style="list-style-type: none">• Selected for SIG spotlight, MSOM 2024
	[2] 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">• Motivated by large-scale real-time queueing data from thousands of testing sites in China
	[3] Costly Quantity-vs-Quality Data Collection in the Newsvendor Problem, with Hyun-Soo Ahn and Lennart Baardman, manuscript in preparation
	[4] The Squeaky Wheel Gets the Grease: Testing Resources Inequalities in China's Pandemic Control, with Jingyang Rui, manuscript in preparation <ul style="list-style-type: none">• Ross China Initiatives Grant• Invited for oral presentation at APSA 2024

TEACHING EXPERIENCE	Instructor , Operations Management (TO 313, BBA Core)	2021
	• Teaching evaluation: 4.9/5.0	
	• Class size: 75 junior students at Ross School of Business	
	• Topics: process analysis, supply chain management and sustainability, revenue management, etc.	
	Instructional Support Specialist , EMBA	
	• EMBA 603: Business Analytics and Statistics for Executives	2020, 2023, 2024
	• EMBA 610: Managerial Big Data Analytics	2022
	• Online Executive Education: Value Driven Thinking	2022
	• EMBA Quantitative Workshop	2021
	Teaching Assistant , MBA and PhD	
	• TO 550: Introduction to Data Programming	2024
	• TO 593: Operations Management	2023
	• TO 899: Inventory Theory (PhD Core)	2022
	• TO 534: Introduction to Operations	2022
	• TO 421: Logistics	2021
	• TO 618: Applied Business Analytics and Decisions	2020
	• TO 605: Manufacturing and Supply Operations	2019, 2020

EMPLOYMENT	Oracle, Burlington, MA Data Scientist Intern	2022
	The Chinese University of Hong Kong, S.T., Hong Kong Junior Research Fellow	2019
	China CITIC Bank, Beijing, China Credit Risk Analyst Intern	2015
HONORS & AWARDS	Rackham Doctoral Intern Fellowship	2024 - 2025
	Rackham Research Award	2024
	Spivey Hall Fellowship	2023 - 2024
	Rackham Conference Travel Grant	2020 - 2024
	Ross China Initiatives Grant	2023
	Thomas William Leabo Fellowship	2022 - 2023
	Doctoral Research Grant, Ross School of Business	2022
	Early Candidacy Award, Ross School of Business	2021
	Undergraduate 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
COMMUNITY& ACADEMIC SERVICE	INFORMS Annual Conference Session Co-Chair (with Prof Joline Uichanco)	2024
	Invited Speaker at INFORMS Panel <i>Minority Issues Forum</i>	2024
	Invited Speaker at Ross PhD Program Information Session	2020 - 2024
	Student Organizer for Technology & Operations Department Seminar Lunch	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 Mentoring, University of Michigan	2020
	Communication Fellow, Nanjing Museum	2015 - 2017
	Vice President, Department of Mathematics, Nanjing University	2015
INVITED TALKS	Inventory Ordering and Product Ranking for Online Curation Retailers • INFORMS 2021, INFORMS 2022, MSOM 2023, Nanjing University (SEM), MSOM SIG 2024	
	Costly Quantity-vs-Quality Data Collection in the Newsvendor Problem • INFORMS 2023, MSSISS 2024, MSOM 2024, ISMP 2024, INFORMS 2024	
	Capacity Scaling for Observable Queues • CSAMSE 2021 (canceled), CSAMSE 2023, Ross PhD Brownbag	
ADDITIONAL	Programming: C++, Python, Pascal, Matlab, R, Stata, SQL, L ^A T _E X Languages: English (professional) / Mandarin (native) Interests: Avid hiker, squash player, rock climber, tennis learner, and nature explorer	