

# 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	Data-Driven Decision Making ◊ Retail Management ◊ Service Operations	
	Methodology	Dynamic Optimization ◊ Statistical Learning ◊ 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 1 <sup>st</sup> round review at <i>Management Science</i> <a href="#">[link]</a>	
	[2]	Inventory Ordering and Product Ranking for Online Curation Retailers, with Hyun-Soo Ahn and Lennart Baardman, preparing for 2 <sup>nd</sup> round revision to <i>Manufacturing &amp; Service Operations Management</i> <a href="#">[link]</a> <ul style="list-style-type: none"><li>• Selected for SIG spotlight, MSOM 2024</li></ul>	
	[3]	Capacity Scaling for Observable Queues, with Yang Li, Daniel Zhuoyu Long, and Rowan Wang, under 1 <sup>st</sup> round review at <i>Manufacturing &amp; Service Operations Management</i> <a href="#">[link]</a> <ul style="list-style-type: none"><li>• Presented to China Municipal Health Commission as guidance for national-level planning of COVID testing sites</li></ul>	
	[4]	Beyond the Promise: Distributional Discordance in China's Pandemic Control, with Jingyang Rui, to be submitted to <i>Comparative Political Studies</i> <a href="#">[link]</a> <ul style="list-style-type: none"><li>• Ross China Research Award</li><li>• Selected for oral presentation at APSA 2024</li></ul>	
	[5]	Rethinking College Admissions: Can Test-Optional Policy Even the Playing Field? with Yao Cui and Stefanus Jasin, manuscript in preparation	
WORK-IN-PROGRESS			
TEACHING EXPERIENCE	Instructor, Operations Management (TO 313, BBA Core)		2021
	• Teaching evaluation: 4.9/5.0		
	• Class size: 75 junior students at the Ross School of Business		
	• Role: served as solo instructor teaching twice a week (1.5 hours each) for a full semester		
	• Topics: process analysis, supply chain management and sustainability, revenue management, etc.		
	Instructional Support, EMBA		
	• EMBA 610: Managerial Big Data Analytics		2022, 2024
	• EMBA Quantitative Workshop		2021, 2024
	• EMBA 603: Business Analytics and Statistics for Executives		2020, 2023
	• Online Executive Education: Value Driven Thinking		2022

	<b>Teaching Assistant, MBA and PhD</b> <ul style="list-style-type: none"> <li>• MBA Analytics Primer Workshop 2024</li> <li>• TO 550: Introduction to Data Programming 2024</li> <li>• TO 718: Data Analytics 2023</li> <li>• TO 593: Operations Management 2023</li> <li>• TO 899: Inventory Theory (PhD Core) 2022</li> <li>• TO 534: Introduction to Operations 2022</li> <li>• TO 421: Logistics 2021</li> <li>• TO 605: Manufacturing and Supply Operations 2019, 2020</li> <li>• TO 618: Applied Business Analytics and Decisions 2020</li> </ul>	
EMPLOYMENT	<b>Oracle, Burlington, MA</b> 2022 Data Scientist Intern  <b>The Chinese University of Hong Kong, S.T., Hong Kong</b> 2019 Junior Research Fellow  <b>China CITIC Bank, Beijing, China</b> 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 PhD Fellowship, Ross School of Business 2019 - 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	<b>Inventory Ordering and Product Ranking for Online Curation Retailers</b> • INFORMS 2021, INFORMS 2022, MSOM 2023, Nanjing University (SEM), MSOM SIG 2024  <b>More Data or Better Data? Impact of Costly Data Collection on Newsvendor Problem</b> • INFORMS 2023, MSSISS 2024, MSOM 2024, ISMP 2024, TTIC 2024 (poster), INFORMS 2024  <b>Capacity Scaling for Observable Queues</b> • CSAMSE 2023, Ross PhD Brownbag	
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 &amp; 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	

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ADDITIONAL

**Programming:** C++, Python, Pascal, Matlab, R, Stata, SQL, L<sup>A</sup>T<sub>E</sub>X  
**Languages:** English (professional) / Mandarin (native)  
**Interests:** Avid hiker, squash player, rock climber, tennis learner, and nature explorer

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REFERENCES

**Hyun-Soo Ahn**

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