

# 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	

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

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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> <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 review at <i>Manufacturing &amp; Service Operations Management</i> <a href="#">[link]</a> <ul style="list-style-type: none"><li>Invited for presentation at China Municipal Health Commission to support national-level planning of COVID testing sites</li></ul>	
	[4] Beyond the Promise: Distributional Discordance in China's Pandemic Control, with Jingyang Rui, preparing for submission 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	
	[6] Context-Aware Dynamic Data Collection, with Hyun-Soo Ahn and Lennart Baardman, results development stage	

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