

# 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	<b>Topics</b>	Data-Driven Decision Making ◊ Retail Management ◊ Service Operations
	<b>Methodology</b>	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 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 resubmission 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>• 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		
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TEACHING EXPERIENCE	<b>Instructor</b> , Operations Management (TO 313, BBA Core)	2021
	• Teaching evaluation: 4.9/5.0	
	• Class size: 75 junior students at the Ross School of Business	
	• Topics: process analysis, supply chain management and sustainability, revenue management, etc.	
	<b>Instructional Support</b> , 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</b> , MBA and PhD	
	• MBA Analytics Primer Workshop	2024
	• TO 550: Introduction to Data Programming	2024

	<ul style="list-style-type: none"> <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	<p><b>Oracle</b>, Burlington, MA 2022 Data Scientist Intern</p> <p><b>The Chinese University of Hong Kong</b>, S.T., Hong Kong 2019 Junior Research Fellow</p> <p><b>China CITIC Bank</b>, Beijing, China 2015 Credit Risk Analyst Intern</p>
HONORS& AWARDS	<p>Rackham Doctoral Intern Fellowship 2024</p> <p>Rackham Research Grant 2024</p> <p>Spivey Hall Fellowship 2023 - 2024</p> <p>Rackham Conference Travel Grant 2020 - 2024</p> <p>PhD Fellowship, Ross School of Business 2019 - 2024</p> <p>Ross China Research Award 2023</p> <p>Thomas William Leabo Fellowship 2022 - 2023</p> <p>Doctoral Research Grant, Ross School of Business 2022</p> <p>Early Candidacy Award, Ross School of Business 2021</p> <p>Academic Scholarship, Nanjing University 2014 - 2018</p> <p>Merit Student of Jiangsu Province 2017</p> <p>Second Place, National Citi Cup Financial Innovation Application Contest 2016</p> <p>First Prize, National Olympiad Informatics Contest 2013</p>
COMMUNITY& ACADEMIC SERVICE	<p>INFORMS Annual Conference Session Co-Chair 2024</p> <p>Invited Speaker at INFORMS Panel: <i>Minority Issues Forum</i> 2024</p> <p>Invited Speaker at Ross PhD Information Session 2020 - 2024</p> <p>Student Organizer for Technology &amp; Operations Seminar 2022 - 2023</p> <p>Invited Speaker at Ross GSI Teaching Panel 2022</p> <p>Communication and Social Chair, Ross School of Business PhD Forum 2020 - 2022</p> <p>Advisory Board for <i>Rem &amp; Co.</i> (free consulting service to minority-owned local business) 2021</p> <p>Doctoral Program Peer-to-Peer Mentor, University of Michigan 2020</p> <p>Communication Fellow, Nanjing Museum 2015 - 2017</p> <p>Vice President, Department of Mathematics, Nanjing University 2015</p>
INVITED TALKS	<p><b>Inventory Ordering and Product Ranking for Online Curation Retailers</b></p> <ul style="list-style-type: none"> <li>• INFORMS 2021, INFORMS 2022, MSOM 2023, Nanjing University (SEM), MSOM SIG 2024</li> </ul> <p><b>More Data or Better Data? Impact of Costly Data Collection on Newsvendor Problem</b></p> <ul style="list-style-type: none"> <li>• INFORMS 2023, MSSISS 2024, MSOM 2024, ISMP 2024, TTIC 2024 (poster), INFORMS 2024</li> </ul> <p><b>Capacity Scaling for Observable Queues</b></p> <ul style="list-style-type: none"> <li>• CSAMSE 2023, Ross PhD Brownbag</li> </ul>
ADDITIONAL	<p><b>Programming:</b> C++, Python, Pascal, Matlab, R, Stata, SQL, L<sup>A</sup>T<sub>E</sub>X</p> <p><b>Languages:</b> English (professional) / Mandarin (native)</p> <p><b>Interests:</b> Avid hiker, squash player, rock climber, tennis learner, and nature explorer</p>

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## REFERENCES

### **Hyun-Soo Ahn**

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