

# Zijin Zhang

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| EDUCATION | <b>University of Michigan, Ross School of Business</b> , Ann Arbor, MI                            | 2019 - 2025 ( <i>expected</i> ) |
|           | Ph.D. in Technology and Operations (GPA: 4.0+/4.0)<br>Advisors: Hyun-Soo Ahn and Lennart Baardman |                                 |
|           | <b>Nanjing University</b> , Nanjing, China  | 2014 - 2018                     |
|           | B.S. in Mathematics and Statistics  |                                 |
|           | <b>University of Wisconsin-Madison</b> , 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, <i>major revision at <b>Management Science</b></i> <a href="#">[link]</a>  |
|                  | [2] Inventory Ordering and Product Ranking for Online Curation Retailers, with Hyun-Soo Ahn and Lennart Baardman, <i>reject and resubmit at <b>Manufacturing &amp; Service Operations Management</b></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><b>Manufacturing &amp; Service Operations Management</b></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><b>American Political Science Review</b></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>  |
| WORK-IN-PROGRESS | [5] Rethinking College Admissions: Can Test-Optional Policy Even the Playing Field? with Yao Cui and Stefanus Jasin, manuscript in preparation   |

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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<br>2021, 2024<br>2020, 2023<br>2022 |

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| <b>Teaching Assistant, MBA and PhD</b>             |            |
| • 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       |

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| <b>EMPLOYMENT</b> | <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                                  |      |

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| <b>HONORS&amp;<br/>AWARDS</b> | 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        |

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| <b>INVITED TALKS</b> | <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  |  |

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| <b>COMMUNITY&amp;<br/>ACADEMIC<br/>SERVICE</b> | 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,  $\LaTeX$

**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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**Stefanus Jasin**

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**Lennart Baardman**

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**Joline Uichanco**

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