

Wenxin Zhang

CONTACT INFORMATION	Kravis 1190, 665 W 130th St New York, NY, USA. 10027	+1 (646) 726-3329 wz2574@columbia.edu
EDUCATION	Columbia University , New York, NY, USA • Ph.D. Candidate in Decision, Risk, and Operations • Advisors: Santiago R. Balseiro, Will Ma Tsinghua University , Beijing, China • Bachelor of Engineering in Industrial Engineering, Minor in Data Science and Technology	2021 – present 2017 – 2021
RESEARCH INTERESTS	Sequential decision-making under uncertainty; dynamic resource allocation; robust and data-driven decision-making; revenue management and pricing	
JOURNAL PUBLICATIONS	A Gilmore-Gomory-Type Construction of Integer Programming Value Functions with Seth Brown, Temitayo Ajayi, and Andrew J. Schaefer. <i>Operations Research Letters</i> , 2021.	
WORKING PAPERS	Feature Based Dynamic Matching with Yilun Chen, Yash Kanoria, and Akshit Kumar. <i>Major Revision at Operations Research. Proceedings of the ACM Conference on Economics and Computation (EC)</i> , 2023. Dynamic Pricing for Reusable Resources: The Power of Two Prices with Santiago R. Balseiro and Will Ma. <i>Major Revision at Operations Research.</i> Leveraging Offline Data for Online Decision-Making in Bayesian Multi-Armed Bandits with Santiago R. Balseiro and Will Ma. <i>Journal Version Under Preparation.</i>	
INDUSTRY EXPERIENCE	Data Science Intern , ParkHub • Designed algorithms for real-time pricing based on historical data and booking trends. Student Researcher , Google Research NYC • Designed and analyzed algorithms for decentralized load balancing.	October – December 2023 April – August 2024
HONORS AND AWARDS	Doctoral Fellowship, Columbia Business School Outstanding Undergraduate at Tsinghua University and Beijing National Scholarship, Ministry of Education of China	2021 – 2026 2021 2020
TEACHING EXPERIENCE	Columbia University, Teaching Assistant Revenue and Supply Chain Management Operations Management (EMBA Core) Managerial Statistics (EMBA Core) Managerial Statistics (MBA Core) Healthcare Management, Design, and Strategy	Summer 2024 Spring 2024 Fall 2023, 2022 Fall 2023 Fall 2021, 2022
SKILLS	Programming languages: Python, L ^A T _E X, R, C/C++, SQL, Gurobi Languages: Mandarin (native), English (fluent)	