

Meng Qi

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Academic Appointments	Assistant Professor, Cornell University Operations, Technology and Information Management, Nolan School of Hotel Administration, Cornell SC Johnson College of Business	Ithaca, NY 2022-present
Education	University of California, Berkeley Ph.D. in Industrial Engineering & Operations Research <i>Minor: Statistics & Machine Learning</i>	Berkeley, CA 2016-2022
	University of California, Berkeley M.Sc. in Industrial Engineering & Operations Research	Berkeley, CA 2016-2017
	Tsinghua University B.Sc. in Mathematics and Physics	Beijing, China 2012-2016
Journal Publications	<p>Qi, M., P. Grigas, Z.-J. Shen. 2025. Integrated Conditional Estimation-Optimization. <i>Operations Research</i>. https://doi.org/10.1287/opre.2023.0427</p> <ul style="list-style-type: none">- Selected for 2025 Business Analytics, Artificial Intelligence, and Cherry Blossom Conference. <p>Qi, M., Z.-J. Shen, Z. Zheng. 2024. Learning Newsvendor Problem with Intertemporal Dependence and Moderate Non-stationarities. <i>Production and Operations Management</i>, 33(5), 1196-1213.</p> <p>Qi, M., Y. Shi, Y. Qi, C. Ma, R. Yuan, D. Wu, Z.-J. Shen. 2023. A Practical End-to-End Inventory Management Model with Deep Learning. <i>Management Science</i>, 69(2), 759-773. https://doi.org/10.1287/mnsc.2022.4564</p> <ul style="list-style-type: none">- Deployed in production at JD.com since 2020 for over 10,000 SKUs.- Shortlisted for semi-finalist of 2022. Gartner Power of the Profession Supply Chain Award.- Contributed to the finalist of 2023 INFORMS Franz Edelman Award (Awarded to JD.com) <p>Qi, M., Y. Cao, Z.-J. Shen. 2022. Distributionally Robust Conditional Quantile Prediction with Fixed Design. <i>Management Science</i>, 68(3), 1639-1658. https://doi.org/10.1287/mnsc.2020.3903</p> <ul style="list-style-type: none">- Honorable mention, POMS-HK best student paper competition, 2020. <p>Qi, M., H.-Y. Mak, Z.-J. Shen. 2020. ‘Data-Driven Research in Retail Operations—A Review. <i>Naval Research Logistics (NRL)</i> 67, no. 8 (2020): 595-616. https://doi.org/10.1002/nav.21949</p> <p>Qi, M., Z.-J. Shen. 2022. Integrating Prediction/Estimation and Optimization with Applications in Operations Management. In <i>Tutorials in Operations Research: Emerging and Impactful Topics in Operations</i> (pp. 36-58). INFORMS. https://doi.org/10.1287/educ.2022.0249</p>	

Selected Working Papers	Wang, M., M. Qi, Z.-J. Shen. 2023. A Learning and Optimization Framework for Personalized Product Design. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4554710 Major Revision at <i>Management Science</i>	
	Guo, H., M. Qi, W. Qi. 2024. Overworking or Outsourcing: Integrated Prediction-Optimization for Order Assignment in Last-Mile Delivery. R&R at <i>Management Science</i> https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5054050	
	<ul style="list-style-type: none"> - Finalist, IISE DAIS Best Student Paper Award, 2024 (Guo). - Winner, INFORMS TSL Best Student Paper Prize, 2025 (Guo). - 2025 TSL Cross-Regional Doctoral Grant (Guo). 	
	Wang, M., M. Qi, J. Cao, Z.-J. Shen. 2020. Urban Courier: Operational Innovation and Data-driven Coverage-and-Pricing. R&R at <i>Manufacturing & Service Operations Management</i> .	
	Qi, M., M. Zhu. 2024. Mechanism for Collaborative Federated Learning: A Pitfall of Shapley Values. Working paper. https://arxiv.org/abs/2403.04753	
Conference & Workshop	Chen, L., X. Chen, M. Qi. 2025. Data-Driven Contextual Value-Based Pricing. Working paper. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5573459	
	Nu, Y., M. Qi, E. Belavina, K. Girotra. 2024. Human-Centric Perishable Inventory Management with AI-Assistance. Work in progress. Manuscript available upon request.	
	<ul style="list-style-type: none"> - Selected for Spotlight Presentation at NeurIPS 2025 MLxOR workshop. 	
	Qi, M., M. Wang, Z.-J. Shen. 2021. Smart Feasibility Pump: Reinforcement Learning for (Mixed) Integer Programming. https://arxiv.org/abs/2102.09663 ICML 2021 RL for Real Life Workshop. Selected for Spotlight Presentation.	
	Sun, S., M. Qi, Z.-J. Shen. 2024. Online MDP with Prototypes Information: A Robust Adaptive Approach. https://doi.org/10.1609/aaai.v39i19.34283 The 39th Annual AAAI Conference on Artificial Intelligence.	
Teaching Experience	<i>Cornell University:</i>	
	Instructor	
	<i>HADM 2011</i>	Spring 2023, 2024, Fall 2024, 2025
	<i>Hospitality Quatitative Analysis</i> Undergrad core course.	
	<i>HADM 4750/6750</i>	Spring 2024
	<i>Machine Learning for Business and Hospitality Applications</i> Joint listed undergrad and graduate elective course.	
	<i>HADM 9310</i>	Spring 2024

Service & Healthcare Operations
 Cornell SC Johnson OTIM PhD course series.
NRE 5460 Fall 2024
Data Analytics in OM
 Cornell SC Johnson OTIM PhD course series.

UC Berkeley:
Instructor
IEOR 253/CEE 258, Supply Chain and Logistics Management Spring 2021
 PhD/MS core course in supply chain and logistic management
Co-Instructor
IEOR 253/CEE 258, Supply Chain and Logistics Management Spring 2020
Graduate Student Instructor
IEOR 142 Introduction to Machine Learning and Data Analytics Fall 2017& 2018
 Undergraduate core course in data analytics (with R).
IEOR 242 Applications in Data Analysis Spring 2018
 MEng core course in data analytics (with R).

Industry Experience
 Research Scientist Intern, **Amazon** New York, Summer 2021
 Research Scientist Intern, **JD.com** Mountain View, Summer 2018

Honors and Awards
 CHR Grailer Faculty Fellowship 2026-2027
 Semi-finalist, Gartner Power of the Profession Supply Chain Award 2022
 Outstanding GSI Award Berkeley 2021
 Marshall-Oliver-Rosenberger Fellowship Berkeley IEOR 2020
 Graduate Remote Instruction Innovation Fellows Berkeley 2020
 Honorable Mention, POMS-HK Best Student Paper Competition 2020
 IEOR Department Fellowship Award Berkeley IEOR 2016
 Scholarship of Excellent Academic Performance Tsinghua University 2014
 First Prize, Chinese Physics Olympiad 2011

Services
Journal reviewer: *Management Science, Operations Research, Manufacturing & Service Operations Management, Production and Operations Management, Mathematical Programming, Inform's Journal of Computing, IIE Transactions, Naval Research Logistics.*
Member: *INFORMS, MSOM Society, POMS, SIAM, SPS*
Organizer, Cornell OTIM seminar (Since Spring 2024); Cornell OTIM research symposium (June 2024 and 2025); UC Berkeley IEOR Student Summer Seminar Series(Summer 2019).