MENGXIN WANG

Etcheverry Hall, 2521 Hearst Ave, Berkeley, CA, 94709
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Education

University of California, Berkeley *August 2017 – Present*
Ph.D Candidate in Industrial Engineering and Operations Research
M.S in Industrial Engineering and Operations Research
Minor in Statistics and Machine Learning
Advisor: Dr. Zuo-Jun (Max) Shen

Tsinghua University *Aug 2013 - June 2017*
B.Eng in Industrial Engineering (Summa Cum Laude) 1/71

Honors and Awards

Graduate Remote Instruction Innovation Fellowship	2021
IEOR Department Award	2017-2020
Graduate Division Block Grant Award	2017
Beijing Outstanding Graduate	2017
University Outstanding Graduate	2017
Meritorious Winner in Interdisciplinary Content in Modeling	2016
Boeing Fellowship	2016
Science and Technology Innovation Fellowship	2016
Academic Excellence Fellowship	2015, 2016
Tsinghua-Changhong Fellowship	2014

Publications & Preprints

[1] M. Qi*, **M. Wang***, Z. M. Shen. "Smart Feasibility Pump: Reinforcement Learning for (Mixed) Integer Programming". 2021. ICML 2021 RL for Real Life Workshop. `http://arxiv.org/abs/2102.09663`

[2] Y. Lin, **M. Wang**, Z. M. Shen, H. Zhang, R. Zhang. "Content Promotion for Online Content Platforms with Network Diffusion Effect". 2021. Submitted to *Management Science*.

[3] **M. Wang**, M. Qi, J. Cao, Z. M. Shen. "Urban Courier: Operational Innovation and Data-driven Coverage-and-Pricing". 2020. Major Revision at *Operations Research*.

[4] N. Chen, **M. Wang**, X. Xie, L. Zheng, C. H. Swartz. "Modeling and Analysis of the Waiting Time of Rapid Response Process in Acute Care". 2018. *IEEE Robotics and Automation Letters*

Working Papers

[1] **M. Wang**, Z. M. Shen. "Online Retailing Inventory Management". 2021. Invited book chapter for *Research Handbook on Inventory Management*.

[2] **M. Wang**, M. Qi, Z. M. Shen. "Data-driven Nonparametric Product Design". 2020.

* denotes alphabetical ordering.

Teaching Experiences

Co-instructor: IEOR 253/CEE 258 Supply Chain and Logistics Management (Spring 2021)
Teaching evaluation: 4.75/5.00 (IEOR 253, department average 4.22), 5.00/5.00 (CEE 258)

Graduate Student Instructor: IEOR 242 Applications in Data Analytics (Spring 2019, Fall 2019, Fall 2020)

Working Experience

Uber *June 2020 - August 2020*
Data Science Intern @ Eats Pricing Team

- Worked on demand modeling and delivery fee optimization based on large-scale pricing data;
- Proposed a delivery fee optimization framework launched in the US market;
- Developed automated demand modeling pipeline for delivery fee optimization.

Invited Talks

[1] "Urban Courier: Operational Innovation And Data-driven Coverage-and-pricing"

- *Informs Annual Meeting*, Seattle, WA, 2019
- *Informs Annual Meeting*, Virtual 2020
- *ISTDM*, 2021