Mengzhenyu (Zhenyu) Zhang

University College London, School of Management   zhenyu.zhangmeng@ucl.ac.uk

Appointments

University College London (UCL) School of Management
London, UK, 2022-present
Assistant Professor

IBM T.J. Watson Research Center
Yorktown Heights, NY, 2021-2022
Postdoctoral Researcher: AI and Marketing

Oracle Labs
Burlington, MA, 2018
Machine Learning Research Group
Summer Intern

Education

University of Michigan
Ann Arbor, MI, 2015-2021
PhD in Technology and Operations, Stephen M. Ross School of Business
GPA: 4.0+/4.0
Co-advisors: Hyun-Soo Ahn and Joline Uichanco

Shanghai University of Finance and Economics (SUFE)
Shanghai, China, 2011-2015
B.A. in Economics (Experimental Honors Class)
B.Eng. in Computer Science

Research

"Data-driven pricing for a new product" with Hyun-Soo Ahn and Joline Uichanco, *Operations Research 70(2):847-866 Mar 2022.*

"Benefits of collaboration in capacity investment and allocation" with Hyun-Soo Ahn, Eren Cetinkaya and Izak Duenyas, *accepted at Production and Operations Management.*

"On the performance of certainty-equivalent pricing" with Hyun-Soo Ahn, Christopher Ryan and Joline Uichanco, *major revision at Mathematics of Operations Research.*
  – Spotlight presentation at 2019 Revenue Management and Pricing Conference (top 20% of full paper submissions)

"Attribute-based pricing: A novel formulation and convergent algorithms" with Christopher Ryan, Wei Sun, Shivaram Subramanian and Markus Ettl, *reject and resubmit at Management Science.*

"Valuing influence" with Hyun-Soo Ahn, Christopher Ryan and Joline Uichanco, *working paper.*

"Multi-tiered supply chain finance" with Roman Kapuscinski and Rodney Parker, *in preparation.*

"Signaling or learning for lean startups" with Runshan Fu and Christopher Ryan, *work in progress.*

Presentations

"Attribute-based pricing: A novel formulation and convergent algorithms"
– European Technology & Operations Management (TOM) Day, 2022, Barcelona, Spain.

"On the performance of certainty-equivalent pricing"
– INFORMS Annual Meeting, 2019, Seattle, WA.
– Revenue Management and Pricing Conference, 2019, San Francisco, CA.
– POMS annual conference, 2019, Washington, D.C.
– Invited talk, SUFE, 2019, Shanghai, China.
– POMS-HK International Conference, 2019, Hongkong.
– INFORMS Annual Meeting, 2018, Phoenix, AZ.

"Data-driven pricing for a new product"
– Kellogg-Wharton OM Workhop, 2020.
– INFORMS Annual Meeting, 2018, Phoenix, AZ.
– INFORMS MSOM Conference, 2018, Dallas, TX.
– INFORMS Annual Meeting, 2017, Houston, TX.
– International Data-Driven Optimization Workshop, SUFE, 2017, Shanghai, China.

Awards

Academic
– Rackham Predoctoral Fellowship, 2020. (One of the most prestigious awards at the University level granted by Rackham Graduate School)
– W. Allen Spivey/Valerie and William Hall Family Fellowship, 2018-2019. (Awarded to the best student in TO for research excellence)
– Ross Doctoral Research Grant, 2018.
– Charles H. Gessner Doctoral Fellowship, 2017-2018.
– Early candidacy awards, Stephen M. Ross School of Business, 2017.
– 2010 National Olympiad in Informatics (NOIP), second place, recommended to college.

Sports
Swimming team of SUFE (2011-2015)
– 2014 second place, Women's 4*50 Freestyle
– 2014 fourth place, Women's 100 Breatstroke
– 2013 fourth place, Women's 50 Freestyle
– 2013 team first place, Women's 4*50 Freestyle

Skills	Languages & Software: Pascal, C, C++, VB, JAVA, SQL, Python, MAT-LAB, AMPL Others: Violin, guitar, sketch

Teaching

Stephen M. Ross School of Business, University of Michigan

Instructor
- TO 302: Operations Management (18 Winter, class size: 68, evaluation: 4/5)

Teaching Assistant
- TO 301: Business Statistics and Management Science (16 Fall)
- TO 502: Business Statistics (17 Fall)
- TO 618: Applied Business Analytics and Decisions (17 Winter, 17 Fall, 18 Fall, 19 Fall)
- TO 605: Manufacturing and Supply Operations (17 Winter)
- TO 899: Inventory Management (PhD course, 18 Fall, 20 Fall)
- EMBA 603: Business Analytics and Statistics for Executives (18 Fall)
- TO 567: Data Mining and Business Analytics (19 Winter, 19 Fall)
- TO 572: Applied Business Forecasting (19 Fall)
- EMBA 610: Managerial Big Data Analytics (19 Summer, 20 Summer)

Service

Reviewer for Mathematics of Operations Research, Operations Research, Management Science, Manufacturing & Service Operations Management, Operations Research Letters