JUN JIANG

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EDUCATION

National University of Singapore, Singapore — 2018-2021
Ph.D. Candidate in Data Science, Institute of Data Science
Thesis topic: Data-driven Algorithms in Demand Matching Problems
Thesis Comittee: JuinKuan Chong (Supervisor), Long He, Zhenyu Hu and Wynee Hsu (Chair)

National University of Singapore, Singapore — 2016-2017
M.S. in Supply Chain Management
South China University of Technology, Guangzhou, China — 2008-2012
B.S. in Industrial Engineering

ACADEMIC EXPERIENCE

Department of Analytics & Operations, NUS, Singapore
- Research Assistant — Dec 2016-Jan 2018

RESEARCH INTERESTS

Vehicle Allocation, Inventory Management (Application)
Robust Optimization, Reinforcement Learning (Methodology)

JOURNAL ARTICLES

"Robust Vehicle PreAllocation with Uncertain Covariates", with Zhaowei Hao, Long He and Zhenyu Hu. *Production and Operations Management.* 29(4): 955-972. 2020.

WORKING PAPERS

"Robust Capacity Planning with Product Substitution", with Zhaowei Hao, Long He and Zhenyu Hu. In Preparation for Submission.

"An $O(n)$ Algorithm for Robust Capacity Planning with Product Substitution", with Zhaowei Hao, Long He and Zhenyu Hu. In Preparation for Submission.

"Robust Capacity Management with Multiple Demand Classes", with Long He and Zhenyu Hu. In Preparation for Submission.

"A Value-Network Based Approach for Online Allocation", with Long He and Zhenyu Hu. Work in Progress.

"A Virtual Booking Scheme for Two-sided Platform", with Bomin Bian, Long He and Zhenyu Hu. Work in Progress.

TEACHING EXPERIENCE

Instructor
- Sentiment Analysis in Social Media (Ph.D.-teach-Ph.D. Workshop) — Jan 2020
  Teaching Evaluations: Strongly Positive, 11/13; Positive, 2/13; Negative, 0/13.

Teaching Assistant
- Foundation in Business Analytics (MSBA. Instructor: Long He) — Fall 2020

CONFERENCES PRESENTATIONS

Robust Capacity Planning with Product Substitution
- INFORMS Annual Meeting, Virtual Conference — Nov 2020

Robust Capacity Planning with Multiple Demand Classes
- INFORMS Annual Meeting, Virtual Conference (To Attend) — Oct 2021

INDUSTRIAL EXPERIENCE

Midea Group Purchasing Center, China
- Supply Chain Specialist — Oct 2013-Jul 2014

HONORS AND AWARDS

ISEP PhD Research Scholarship, National University of Singapore	2018-2021
National Endeavor Scholarship, South China University of Technology	2009-2010
Avery Dennison Foundation Innovation Scholarship	2009
Outstanding Freshman Scholarship, South China University of Technology	2008

COMPUTER SKILLS Python, R, Matlab, SQL, AMPL