

Libo Sun

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EMPLOYMENT & EXPERIENCE

- Research Fellow, IORA, NUS** Jan. 2023 – Present
Areas of Specialization: Adoption of Last-Mile Self-Service Technology, PI: Prof. Chung-Piaw Teo
- Visiting Postdoc Researcher, IORA, NUS** Feb. 2022 – Dec. 2022
Areas of Specialization: Cross-border E-Commerce Operations, PI: Prof. Chung-Piaw Teo
- Postdoc Researcher, University of Science and Technology of China (USTC)** Dec. 2019 – Dec. 2022
Areas of Specialization: Data-driven Operations Management, Cross-border E-Commerce Operations

EDUCATION

- Ph.D Student, USTC, School of Management** Hefei, China
Major in Management Science and Engineering, Supervisor: Prof. Yugang Yu Sep. 2014 – Nov. 2019
- Visiting Ph.D Student, NUS, Dept of Analytics and Operations & IORA** Singapore
Sponsored under CSC scholarship, Supervisor: Prof. Chung-Piaw Teo Apr. 2017 – Jan. 2019
- Undergraduate, Yunnan University, Department of Management Science** Kunming, China
Bachelor in Logistics Management, Ranked 1st/36, Supervisor: Prof. Luming Yang Sep. 2010 – Jul. 2014

TEACHING EXPERIENCE

- DSC3201, Supply Chain Management** NUS Business School
Teaching Assistant Fall, 2017 / Spring, 2018
- MSAE6101P, Modern Supply Chain Management** School of Management, USTC
Guest Lecturer (“Data-driven Decision Making” Module) Spring, 2021 / Spring, 2022

SELECTED PUBLICATIONS & WORKING PAPERS

- Smart-City Logistics & Operations** | Empirical Study using Heckman Selection, Randomized Intervention & IV
- **Libo Sun**, Guodong Lyu*, Chung Piaw Teo, Victor Fernandez (2023). What Moves the Consumers? The Adoption of Self-Service Technology in Last Mile. *Submitted to Manufacturing & Service Operations Management*: 1-41.
- Cross-border E-commerce & Operations** | Observational Study using Machine Learning & Analytical Modeling
- **Libo Sun**, Guodong Lyu*, Yugang Yu, Chung Piaw Teo (2020). Fulfillment by Amazon versus Fulfillment by Seller: An Interpretable Risk-adjusted Fulfillment Model, *Naval Research Logistics*, 67(8): 627-645.
 - **Libo Sun**, Guodong Lyu*, Yugang Yu, Chung Piaw Teo (2021). Cross-border E-commerce Data Set: Choosing the Right Fulfillment Option. *Manufacturing & Service Operations Management*, 23(5): 1297-1313.
 - Yugang Yu, Xiaoting Jiao, **Libo Sun*** (2023). Salesforce Compensation with Purchasing Delegation and Demand Updating, *Working Paper*, 1-41.
- Platform-based Retailing & Operations** | Analytical Modeling
- **Libo Sun**, Xiaoting Jiao, Xiaolong Guo, Yugang Yu* (2022). Pricing Policies in Dual Distribution Channels: The Reference Effect of Official Prices. *European Journal of Operational Research*, 296(1), 146-157.
 - Yugang Yu, **Libo Sun**, Xiaolong Guo* (2020). Dual-channel Decision in a Shopping Complex when Considering Consumer Channel Preference. *Journal of the Operational Research Society*, 71(10): 1638-1656.
 - Yugang Yu, Liping Yang, **Libo Sun*** (2023). Ordering Decisions Beneath the Cafeteria Manus: Prescriptive Analytics on Customer-driven Substitution and Service-level Requirements, *Working Paper*.

DISTINGUISHED HONORS & AWARDS

- National Excellent Doctoral Dissertation Awards, Mainland China** Oct. 2020
- Systems Engineering Society of China, Biannual Competition, 4 winners as for the years of 2019 and 2020
 - Society of Management Science of China, Annual Competition, 10 winners as for the year of 2020
- Excellent Doctoral Dissertation Awards, Chinese Academy of Sciences (CAS)** Aug. 2021
- Excellent Doctoral Dissertation Awards, University of Science & Technology of China (USTC)** Aug. 2020

SELECTED TECHNICAL SKILLS

Coding Skills | Python, R, Matlab, SAS, SQL, Mathematica, L^AT_EX