YUZHOU LIU

Lee Kong Chian School of Business, Singapore Management University

50 Stamford Road, Singapore, 178899 | Email: yuzhou.liu.2023@pbs.smu.edu.sg

EDUCATION

Singapore Management University   *Singapore*

Ph.D. in Business (Operations Management)   08/2023–Present

Nanjing University   *Nanjing, China*

M.S. in Mathematics   09/2020–06/2023

Nanjing University   *Nanjing, China*

B.S. in Mathematics   09/2016–06/2020

RESEARCH INTERESTS

Optimization under Uncertainty, Distributionally Robust Optimization, Operations Management

WORKING EXPERIENCE

SRIBD Research Assistant in the Chinese University of Hong Kong, Shenzhen, China   07/2021–06/2022

WORKS IN PROGRESS

Constrained Boolean Quadric Polytope Lift on Distributionally Robust Multi-item Newsvendor Problem with Risk-aversion

- Reduce the complexity of semi-definite NP-hardness with Constrained Boolean Quadric Polytope

Multi-Trip Vehicle Routing Problem with Time Windows and Split & One-off Deliveries

- On a MILP model based on arc insertion for the secondary routing problem with multiple trips, heterogeneous buses and Split & One-off deliveries.

SKILLS

Coding   Python\ Matlab\ R\ C++
Language   English (fluent), Chinese (Native)