WENXUAN LIU

wl3003@columbia.edu

EDUCATION

Columbia University   New Tork, NY

Ph.D. in Operations Research   2024-present

- Advisor: Adam N. Elmachtoub, Tianyi Lin.

Tsinghua University   Beijing, China

B.S. in Industrial Engineering   2019-2024

- Minor: Software Engineering

RESEARCH EXPERIENCES

1. *Tackling Decision Dependency in Contextual Stochastic Optimization.*   2022.11-present

   Wenxuan Liu, Xiangting Liu, Zhi-Hai Zhang and Hanzhang Qin.

2. *Dynamic Pricing of Single and Multiple Products with Price Protection Guarantee.*   2023.04-2023.09

   Ruihao Zhu, Wenxuan Liu and Hanzhang Qin

3. *Partial Feature Postponement Strategy for Manufacturing Industry under Supply Shortage.*   2022.08-2022.12

   Lu Wang, Wenxuan Liu, Tianhu Deng

SUBMITTED PAPERS

1. *Tackling Decision Dependency in Contextual Stochastic Optimization*

   Wenxuan Liu, Xiangting Liu, Zhi-Hai Zhang and Hanzhang Qin

TEACHING

Columbia University

Teaching Assistant

- IEOR 4405 - Production Scheduling (B.S.) Spring 2025

INDUSTRY EXPERIENCE

Qingzhi Optimization (scheduling projects, 2021)

AWARDS

- Columbia IEOR Department Fellowship, Columbia University, 2024
- Outstanding Graduate of Beijing, 2024
- Science and Technology Innovation Excellence Scholarship, Tsinghua University, 2022&2023
- Academic Excellence Scholarship, Tsinghua University 2022&2023
- Comprehensive Excellence Scholarship, Tsinghua University 2021
- December Ninth Scholarship, Tsinghua University, 2020

LANGUAGES AND SKILLS

Languages: English, Chinese

Programming: C/C++, Python, Java (basic), R (basic), MATLAB (basic)