

# Yu Sun

**Email:** [sunyu@se.cuhk.edu.hk](mailto:sunyu@se.cuhk.edu.hk)

**Office:** Room 615, William M.W. Mong Engineering Building, The Chinese University of Hong Kong, Shatin, Hong Kong

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## EDUCATION

**Faculty of Engineering, The Chinese University of Hong Kong** *Hong Kong SAR*  
Ph.D. Candidate in Systems Engineering & Engineering Management 2020-2025 (*Expected*)  
Advisor: Prof. Daniel Zhuoyu Long

**School of Management & Engineering, Nanjing University** *Nanjing, China*  
B.E. in Industrial Engineering 2016-2020

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## RESEARCH

- [1]. "Distributionally Robust Group Testing with Correlation Information," Daniel Zhuoyu Long, Jin Qi, Yu Sun, and Aiqi Zhang, under Major Revision at *Management Science* ([link](#))
  - [2]. "Distributionally Robust Discrete Choice Model and Assortment Optimization," Qingwei Jin, Daniel Zhuoyu Long, Yu Sun, and Bin Hu, Under Major Revision at *Management Science* ([link](#))
    - Second Prize, 2024 CSAMSE Best Paper Award
  - [3]. "Sequential Choice Model with Representative Products: Modeling and Optimization," Daniel Zhuoyu Long, Yu Sun, and Ruxian Wang, preparing for submission
  - [4]. "Smart Predict-then-optimize Approach in Assortment Optimization," Daniel Zhuoyu Long, Yu Sun, and Ruxian Wang, working paper
  - [5]. "Optimization with Small Data: Data-Driven Distributionally Robust Defibrillator Deployment under an Adjustable Ambiguity Set," Zhi Chen, Tenglong Hong, Daniel Zhuoyu Long, and Yu Sun, working paper
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## TEACHING

**Teaching Assistant, The Chinese University of Hong Kong**

ESTR 1005: Linear Algebra for Engineers (Elite Stream)	2021-2023
SEEM 3500: Quality Control and Management	2021-2022
SEEM 3620: Introduction to Logistics and Supply Chain Management	2023
SEEM 5710: Principles of Operations Management (Graduate Level)	2021-

**Teaching Assistant, The Chinese University of Hong Kong, Shenzhen**

LSC 5710: Transportation Logistics (EMSc Level)	2023
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## AWARDS & HONORS

Second Prize, CSAMSE Best Paper Award	2024
PhD International Mobility for Partnerships and Collaborations Award, The Chinese University of Hong Kong	2023
Excellent Graduate, Nanjing University	2020

Excellent Student Cadres, Education Department of Jiangsu Province	2019
National Scholarship, Ministry of Education, China	2018
Excellent Student Cadres, Nanjing University	2018
CMB One Card Scholarship, Nanjing University	2017
Excellent Student, Nanjing University	2017

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## **VISITS**

<b>Carey Business School, Johns Hopkins University</b>	<i>Washington, D.C.</i>
Visiting Student (Non-degree) in Operations Management	2023-2024
Advisor: Prof. Ruxian Wang	

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## **CONFERENCE TALKS**

### **Distributionally Robust Group Testing with Correlation Information**

INFORMS Annual Meeting	2022,2023,2024 ( <i>Scheduled</i> )
CSAMSE Conference	2023
POMS-HK International Conference	2023,2024

### **Distributionally Robust Discrete Choice Model and Assortment Optimization**

INFORMS MSOM Conference	2023
CSAMSE Conference	2023,2024
INFORMS Annual Meeting	2023
POMS-HK International Conference	2023,2024

### **Sequential Choice Model with Representative Products**

INFORMS MSOM Conference	2024
INFORMS Revenue Management and Pricing Section Conference	2024
INFORMS Annual Meeting	2024 ( <i>Scheduled</i> )

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## **REFERENCES**

### **Prof. Daniel Zhuoyu Long**

Email: [zylong@se.cuhk.edu.hk](mailto:zylong@se.cuhk.edu.hk)

Department of Systems Engineering & Engineering Management, The Chinese University of Hong Kong, Shatin, Hong Kong

### **Prof. Jin Qi**

Email: [jinqi@ust.hk](mailto:jinqi@ust.hk)

Department of Industrial Engineering and Decision Analytics, Hong Kong University of Science and Technology, Clear Water Bay, Hong Kong

### **Prof. Melvyn Sim**

Email: [melvynsim@nus.edu.sg](mailto:melvynsim@nus.edu.sg)

Department of Analytics & Operations, NUS Business School, National University of Singapore, Singapore

### **Prof. Ruxian Wang**

Email: [ruxian.wang@jhu.edu](mailto:ruxian.wang@jhu.edu)

Carey Business School, Johns Hopkins University, Baltimore, MD, USA

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