

# Huiling Meng

hmeng@se.cuhk.edu.hk | +86 188 5200 5299 | huilingmeng.github.io

SE&EM, The Chinese University of Hong Kong, Shatin, Hong Kong

## EDUCATION

### **University of Toronto**

Visiting Student, Rotman School of Management  
Advisor: Prof. Ningyuan Chen

Toronto, Canada

Jan. 2026 – Aug. 2026

### **The Chinese University of Hong Kong**

*Ph.D. Candidate in Operations Research*  
Department of Systems Engineering and Engineering Management  
Advisor: Prof. Xuefeng Gao

Hong Kong SAR

Aug. 2022 – Present

### **Nanjing University**

*M.S. in Probability and Mathematical Statistics*, Outstanding Graduate  
*Department of Mathematics*  
Advisor: Prof. Wanyang Dai

Nanjing, China

Sept. 2019 – Jun. 2022

### **Nanjing University**

*B.S. in Statistics*, Outstanding Graduate  
Department of Mathematics

Nanjing, China

Sept. 2015 – Jun. 2019

## RESEARCH

### 1. Reinforcement Learning for Intensity Control: An Application to Choice-Based Network Revenue Management ([link](#))

**Huiling Meng**, Ningyuan Chen, Xuefeng Gao  
Under Minor Revision at *Operations Research*  
Accepted at NeurIPS 2025 Workshop MLxOR

### 2. Artificial Replay: A Variance-Reduced Method for A/B Testing Adaptive Policies

**Huiling Meng**, Ningyuan Chen, Xuefeng Gao  
Prepare for submission

## CONFERENCE TALKS

### Reinforcement Learning for Intensity Control: An Application to Choice-Based Network Revenue Management

POMS-HK International Conference	2024
INFORMS Annual Meeting	2024
INFORMS International Meeting	2025

## HONORS & AWARDS

Postgraduate Studentship, The Chinese University of Hong Kong	2022 – 2026
Outstanding Graduate, Nanjing University	2022
National Scholarship, Ministry of Education of China	2020
Pacemaker to Excellent Postgraduate ( <i>Top 2%</i> ), Nanjing University	2020
Outstanding Graduate, Nanjing University	2019
Chow Tai Fook Scholarship	2018

Outstanding Student, Nanjing University	<i>2018</i>
Provincial First Prize, National College Student Mathematics Competition	<i>2017</i>

## **TEACHING EXPERIENCE**

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

ENGG 2760: Probability for Engineers	<i>Fall 2022, 2023</i>
ENGG 2780: Statistics for Engineers	<i>Spring 2023, 2024, 2025</i>
SEEM 4760: Stochastic Models for Decision Analytics	<i>Fall 2024</i>
SEEM 5580: Advanced Stochastic Models (PhD Level)	<i>Fall 2025</i>

### **Teaching Assistant, Nanjing University**

Concise Calculus, School of Foreign Studies	<i>Fall 2019</i>
Calculus II (Tier 1), Department of Computer Science and Technology	<i>Spring 2020, 2021</i>

## **REFERENCES**

### **Prof. Ningyuan Chen**

Associate Professor  
 Rotman School of Management  
 University of Toronto  
 Email: [ningyuan.chen@utoronto.ca](mailto:ningyuan.chen@utoronto.ca)

### **Prof. Xuefeng Gao**

Professor  
 Department of Systems Engineering and Engineering Management  
 The Chinese University of Hong Kong  
 Email: [xfgao@se.cuhk.edu.hk](mailto:xfgao@se.cuhk.edu.hk)

### **Prof. Wanyang Dai**

Professor  
 School of Mathematics  
 Nanjing University  
 Email: [nan5lu8@nju.edu.cn](mailto:nan5lu8@nju.edu.cn)