

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
Graduate Student Pacesetter (<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

Prof. Xuefeng Gao

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

Prof. Wanyang Dai

Professor
 School of Mathematics
 Nanjing University
 Email: nan5lu8@nju.edu.cn