

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
Provincial First Prize, National College Student Mathematics Competition

2018
2017

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