Wenhao Li

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Contact Information	Rotman School of Management University of Toronto, Toronto, Ontario	Email: wwenhao.li@mail.utoronto.ca Phone: +1 (647) 509-4892

Research Interests
Data-driven Decision Making
Online Learning and Machine Learning
Healthcare Analytics

Employment

University of Toronto, Toronto, Ontario — 2021 - present
Postdoctoral Fellow, Rotman School of Management,
Academic Area: Operations Management and Statistics
Supervisor: Ningyuan Chen

Education

City University of Hong Kong, Kowloon, Hong Kong — 2016 - 2021
Ph.D., Management Sciences, College of Business
Supervisors: Zhankun Sun and L. Jeff Hong

Zhejiang University, Zhejiang, China — 2012 - 2016
B.Eng. in Control Science and Engineering
Minor in Advanced Class of Engineering Education

Publications

Li, Wenhao, Zhankun Sun, and L. Jeff Hong. **Who Is Next: Patient Prioritization under Emergency Department Blocking.** Operations Research (2021).

- Special Issue on Behavioral Queueing Science
- Finalist, INFORMS Service Science Best Cluster Paper Award, 2021.

Working Papers

Li, Wenhao, Ningyuan Chen, and L. Jeff Hong. **Dimension Reduction in Contextual Online Learning via Nonparametric Variable Selection.** Under 2nd-round review in Journal of Machine Learning Research, 2022.

Li, Wenhao, Ningyuan Chen, and L. Jeff Hong. **A Dimension-free Algorithm for Contextual Continuum-armed Bandits.** Working paper, 2019.

Works in Progress

Algorithmic Decision Making Augmented by Human Knowledge: An Analytical Framework, with Ningyuan Chen and Ming Hu. (To be submmited soon)

Multi-armed Bandit with Adaptive Budget Allocation, with Ningyuan Chen. (Under preparation)

Selected Talks

Dimension Reduction in Contextual Online Learning via Nonparametric Variable Selection

- CORS 2022 Annual Meeting (June 2022)
- CORS 2021 Annual Meeting (June 2021)

Who Is Next: Patient Prioritization under Emergency Department Blocking

- 32nd Annual POMS-Conference (April 2022)
- Rotman Young Scholar Seminar Series, University of Toronto (December 2021)
- INFORMS 2021 Annual Meeting (October 2021)
- INFORMS 2019 Annual Meeting (October 2019)

SELECTED HONORS AND AWARDS	PhD Extension Studentship, CityU of HK	2020 - 2021
	Research Tuition Scholarship, CityU of HK	2017 - 2018
	Research Studies Scholarship, CityU of HK	2016 - 2017
	Second-Class Scholarship for Outstanding Merits, top 8%, ZJU	2014 - 2015
	Third-Class Scholarship for Outstanding Merits, top 15%, ZJU	2012 - 2013
	First Prize in Chinese National Olympiad in Informatics in Provinces	2010

TEACHING EXPERIENCE

Tutorial Instructor at CityU of HK

- CB2200: Business Statistics (Fall 2018)

Teaching Assistant at CityU of HK

- MS6325: Operations Management (Fall 2020)
- MS5216: Decision Analytics (Fall 2020)
- MS5318: Predictive Analytics with Excel and R (Spring 2019)
- MS4226: Risk Management Models (Spring 2018)
- MS5720: Quantitative Decision Making Techniques (Spring 2018)
- MS3125: Business Project Management (Spring 2018)
- GE2213: Understanding Uncertainty and Statistical Reasoning (Fall 2017)
- MS8953: Foundations of Management Science (Fall 2017)
- MS4226: Risk Management Models (Spring 2017)
- CB2011: Solving Business Problems with Spreadsheet Modeling (Fall 2016)

PROFESSIONAL EXPERIENCE

Yiguanchanghe Private Equity, Zhejiang province, China	June - Aug 2016

- Equity Analyst Intern, Department of Investment

Zhejiang Supcon Technology, Zhejiang province, China	June - Aug 2015

- Data Analyst Intern, Department of Software Development

ACADEMIC SERVICE Reviewer for The 18th Conference on Web and Internet Economics (WINE 2022)

PERSONAL INFORMATION

Languages: Chinese (Mandarin), English
Programming: Python, R, Matlab, LATEX
Hobbies: badminton, tennis, hit the gym, cooking, meditation, piano

REFERENCES

- Prof. Ningyuan Chen
  Department of Management, University of Toronto Mississauga.
  Rotman School of Management, University of Toronto.
  Email: ningyuan.chen@utoronto.ca
- Prof. Zhankun Sun
  Department of Management Sciences, City University of Hong Kong.
  Email: zhankun.sun@cityu.edu.hk
- Prof. L. Jeff Hong
  School of Management & School of Data Science, Fudan University.
  Email: hong_liu@fudan.edu.cn