Wenhao Li

Updated Nov, 2022

CONTACT Information

Address: Rotman School of Management, University of Toronto, Toronto, Ontario Email: wwenhao.li@mail.utoronto.ca Web: https://wenhaoli666.github.io/

Phone: +16475094892 Date of Birth: Sep, 1993

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.

Ningyuan Chen, Ming Hu, and Wenhao Li. Algorithmic Decision Making Safeguarded by Human Knowledge. Submitted to Management Sciences, 2022.

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

Works in Progress Multi-armed Bandit with Adaptive Budget Allocation, with Ningyuan Chen. (To be submmited soon)

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	PhD Extension Studentship, CityU of HK	2020 - 2021
AND AWARDS	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