

Liben Chen

321 S 19th Ave S – Minneapolis, MN, USA

✉ chen7954@umn.edu • 🌐 Personal Website | **in** LinkedIn

Education

Ph.D. in Business Administration (Information & Decision Sciences)

University of Minnesota – Carlson School of Management

Advisors: Gediminas Adomavicius & Mochen Yang

Minneapolis, MN

2022–

M.Sc. in Data Science

New York University

New York, NY

2022

B.B.A. in Information Systems

City University of Hong Kong

Hong Kong

2020

Research Interests

Topics: Trustworthy AI, Personalization Technologies, Generative AI, Data-driven Decision Making

Methodologies: Machine Learning, Agent-based Simulation, Deep Learning, Analytical Modeling

Research Work

Privacy-Aware AI

Impact of Data Privacy Regulations on Recommender Systems Performance

Liben Chen, Meizi Zhou, Yicheng Song, Gediminas Adomavicius

Under Third-Round Review at **Information Systems Research (ISR)**

Recommending on a Data Diet: Attribution-Based Data Minimization for Privacy-Aware Recommender Systems

Liben Chen, Gediminas Adomavicius

Work in Progress

Symposium on Statistical Challenges in Electronic Commerce Research (**SCECR**) 2026

Adversarially Resilient AI

Echoes of Manipulation: The Reinforcing Effect of Preference Bias on External Perturbations in Recommender Systems

Liben Chen, Meizi Zhou, Jingjing Zhang, Gediminas Adomavicius

Under First-Round Major Revision at **INFORMS Journal on Computing (IJOC)**

Are LLM-Based Generative Recommenders Adversarially Robust?

Liben Chen, Xuan Bi, Gediminas Adomavicius

Work in Progress

INFORMS Summer Workshop on AI for Business (**SWAIB**) 2026

Reliable AI

Self-Consistent Machine Learning: An Ensemble Smoothing Approach Based on Prediction Confidence

Liben Chen, Mochen Yang, Gediminas Adomavicius

Under Review at **Machine Learning**

Reliable Policy-Based Governance of Automated/Augmented Decision-Making Systems

Liben Chen, Mochen Yang, Gediminas Adomavicius

Work in Progress

Conference Publications

Probing GPT-3's Linguistic Knowledge on Semantic Tasks

Lining Zhang, Mengchen Wang, Liben Chen, Wenlong Zhang

In Proceedings of the **BlackboxNLP Workshop, EMNLP 2022**

Teaching

Instructor

IDSC 4310 Prescriptive Analytics

2026

Student Rating of Teaching: 5.72/6.0 (Response Rate: 100%)

"Ben is incredibly knowledgeable about the subject, and he also treated us with respect and was really realistic and reasonable in conversations about expectations for students."

IDSC 4310 Prescriptive Analytics

2025

Student Rating of Teaching: 5.56/6.0 (Response Rate: 95.45%)

"He was very receptive to any questions or concerns that we had throughout this class."

Teaching Assistant

IDSC 3104 Enterprise Systems

2026

MSBA 6321 Data Management, Databases, and Data Warehousing

2024-2025

2025

MSBA 6311 Programming for Data Science

2024

IDSC 3101 Introduction to Programming

2024

IDSC 4310 Prescriptive Analytics

2023-2024

2024

IDSC 4444 Descriptive and Predictive Analytics

2022-2024

2024

MSBA 6410 Exploratory Data Analysis

2022

Scholarships & Awards

Carlson School of Management, University of Minnesota

Willoughby IDS PhD Fellowship

2022-2025

2025

Carlson School of Management, University of Minnesota

Summer Research Fellowship

2023-2025

2025

Carlson School of Management, University of Minnesota

Student Conference Travel Fellowship Award

2024

INFORMS Workshop on Data Science, Seattle, WA

Student Scholarship

2024

INFORMS Workshop on Data Science, Phoenix, AZ

Student Scholarship

2023

HKSAR Education Bureau

Hong Kong – APEC Scholarship

2017-2020

2020

HKSAR Education Bureau

Hong Kong Government Scholarship (\$30,000)

2017-2020

2020

City University of Hong Kong

CMA GWAP Sponsorship (\$3,250)

2017

City University of Hong Kong

IS Smart Business Scholarship (\$6,250)

2016

Presentations

Self-Consistent Machine Learning: An Ensemble Smoothing Approach Based on Prediction Confidence

Conference on Information Systems and Technology (CIST), Seattle, WA

2024

INFORMS Workshop on Data Science (WDS), Seattle, WA

2024

Workshop on Information Technologies and Systems (WITS), Bangkok, Thailand

2024

Impact of Data Privacy Regulations on Recommender Systems Performance

INFORMS Workshop on Data Science (WDS), Phoenix, AZ

2023

Academic Service

Conference/Workshop Organizer

IS Student Presentations Over the Cloud (ISPOC 2025), Organizer

2025

IS Student Presentations Over the Cloud (ISPOC 2024), Associate Organizer

2024

INFORMS Workshop on Data Science (WDS 2023), Organizing Committee

2023

Reviewer

Management Science

2026-

Information Systems Research

2025-

Conference on Information Systems and Technology (CIST)

2023-2025

2025

INFORMS Workshop on Data Science (WDS)

2024-2025

2025

Workshop on Information Technologies and Systems (WITS)

2024-2025

2025

International Conference on Information Systems (ICIS)

2024

Departmental Service

Student Coordinator for IDSC Departmental Research Seminar

2025-2026

2026

References

Gediminas Adomavicius

*Professor, Larson Endowed Chair for Excellence
in Business Education*

Department of Information & Decision
Sciences

University of Minnesota

Email: gedas@umn.edu

Phone: +1 612-625-9504

Mochen Yang

Associate Professor

Department of Information & Decision
Sciences

University of Minnesota

Email: yang3653@umn.edu

Phone: +1 612-625-7324

Yicheng Song

Assistant Professor

Department of Information & Decision
Sciences

University of Minnesota

Email: ycsong@umn.edu

Phone: +1 612-301-2170

George Karypis

Professor

Department of Computer Science &
Engineering

University of Minnesota

Email: karypis@umn.edu

Phone: +1 612-626-7524