YIHONG LIU

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EDUCATION

The University of Texas at Dallas (UT Dallas) Richardson, Texas, U.S.
Ph.D. Candidate of Management Science Aug. 2019 - Aug. 2025
Concentration: Information Systems

Shanghai University of Finance and Economics (SUFE) Shanghai, P.R.C.
Bachelor of Management Jul. 2015 - Jul. 2019
Concentration: Information Management and Information Systems

RESEARCH INTERESTS

I am passionate about investigating how Information Technology (IT) can be leveraged to empower individuals, organizations, and society by connecting data and decision-making. My research interests lie in the design and analysis of IT artifacts that can achieve this goal, specifically in the areas of (a) design and analysis of online platforms and (b) emergent IT and its applications in decision-making.

PUBLICATIONS

Working Papers

- Yihong Liu, Sumit Sarkar, and Syam Menon. "Collaborator Recommendation in An Online Video Community"

- Pelin Atahan, Monica Johar, Yihong Liu, and Sumit Sarkar. "The Sequential Offer Set Recommendation Problem Considering Multiple User Actions"

Conferences

- Yihong Liu, Sumit Sarkar, and Syam Menon. "Collaborator Recommendation in An Online Video Community". Conference on Information Systems and Technology, Phoenix, U.S. 2023

- Yihong Liu, Sumit Sarkar. "Collaborator Recommendation in An Online Video Community". Workshop on Information Technology and Systems, Copenhagen, Denmark 2022

- Yihong Liu, Yang Bao, Hui Fang. "SCNetworkViz: A Web-Based System for Interactive Visualization of Supply Chain Network". Workshop on Information Technology and Systems, Santa Clara, CA, USA 2018. Demo website

PRESENTATIONS

The Three Minute Thesis Competition at UT Dallas Richardson, TX, U.S.
Finalist Apr. 2024

2023 INFORMS Annual Meeting Phoenix, AZ, U.S.
Presenter for "An Incremental Approach to Team Formation" Oct. 2023

2023 Conference on Information Systems and Technology Phoenix, AZ, U.S.
Presenter for "Collaborator Recommendation in An Online Video Community" Oct. 2023

19th Annual Big XII+ MIS Research Symposium   Richardson, TX, U.S.
Presenter for "Collaborator Recommendation in An Online Video Community"   Mar. 2023

2022 Workshop on Information Technology and Systems   Copenhagen, Denmark
Presenter for "Collaborator Recommendation in An Online Video Community"   Dec. 2022

2022 INFORMS Annual Meeting   Indianapolis, IN, U.S.
Presenter for "Collaborator Recommendation in An Online Video Community"   Oct. 2022

TEACHING INTERESTS

I have firmly embraced the belief that education serves as the key to unlocking a multitude of opportunities. Thus, I am dedicated to imparting crucial information technology skills and business knowledge to students, positioning them to navigate academic and professional landscapes successfully. This commitment stems from my scholarly background and expertise in information technology and systems.

TEACHING EXPERIENCE

Naveen Jindal School of Management, UT Dallas   Richardson, Texas, U.S.
Instructor

Year	Semester	Level	Class Title	Credit	Mode	Enroll	Course Excellence	Instructor Excellence
2024	Spring	UGRD	IT for Business	3	In-person	65	4.53/5	4.73/5
2023	Fall	UGRD	IT for Business	3	In-person	63	4.64/5	4.82/5
2022	Fall	UGRD	IT for Business	3	In-person	56	3.9/5	3.64/5

Graduate Teaching Assistant
Since joining UT Dallas in 2019, I have served as a teaching assistant for nearly twenty courses, spanning bachelor to Ph.D. levels. I have experience in diverse modalities, including in-person, online, and hybrid formats. The table below highlights some courses for which I was responsible:

Year	Semester	Level	Class Title	Instructor	Mode
2023	Summer	UGRD	Applied Machine Learning	Muhammad Sabir	In-person
2023	Spring	UGRD	Cybersecurity Governance	Taimur Khan	In-person
2021	Spring	GRAD	Topics in Industrial Organization	Jianqing Chen	Online
2020	Fall	UGRD	Intro to Healthcare IS	Mark Moonesinghe	Online
2020	Spring	UGRD	IT for Business	Prakash Shrivastava	In-person
2019	Fall	GRAD	IT for Management	Vijay Mookerjee	In-person

School of Information Management and Engineering, SUFE   Shanghai, P.R.C.
Undergraduate Teaching Assistant

Year	Semester	Level	Class Title	Instructor	Mode
2018	August	GRAD	Statistical Theory of Deep Learning	Ye Luo	In-person
2018	July	GRAD	Business Intelligence & Data Analytics	Beibei Li	In-person

SERVICE

2024	**Conference Reviewer**, International Conference on Information Systems	
2024	**Conference Reviewer**, Pacific Asia Conference on Information Systems	
2024	**Volunteer**, Biz AI Conference: AI Applications in Business Research	UT Dallas
2023	**Poster Judge**, Summer Platform for Undergraduate Research Poster Contest	UT Dallas
2023	**Conference Reviewer**, International Conference on Information Systems	
2023	**Poster Judge**, Undergraduate Research Scholar Awards Poster Contest	UT Dallas
2023	**Essay Grader**, Comets to the Core	UT Dallas
2022	**Conference Reviewer**, The Workshop on Information Technologies and System	
2021	**Journal Reviewer**, Information Technology and Management	

RECOGNITION

2023	**Admision to Doctoral Consortium**	International Conference on Information Systems
2019	**Outstanding Graduates of Shanghai**	Shanghai Municipal Education Commission
2018	**Yinyu Ye Scholarship**	SUFE
2017	**Second Prize**, The People's Scholarship	SUFE

CERTIFICATES

2024	**Certificate in Effective Teaching Practice Framework** Association of College and University Educators & American Council on Education	
2023	**Adv. Graduate Teaching Certificate**, Center for Teaching and Learning	UT Dallas
2021	**Graduate Teaching Certificate**, Center for Teaching and Learning	UT Dallas

TALKS

2024	**Panelist**, "Undergraduate Research Info Session', Freshman Mentor Program	UT Dallas
2023	**Panelist**, "Flight Plan: Critical Information for New TAs and RAs" Office of Graduate Education	UT Dallas

SKILLS

Programming: C++, Java, Python, R, MATLAB, Gurobi, HTML/CSS, JavaScript, SQL

Miscellaneous: Linux, LaTeX, Tableau, Microsoft Office, Git

LANGUAGES

English Professional proficiency

Chinese Native proficiency in Mandarin and Hunanese (Hsiang)