YIHONG LIU

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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) machine learning and its applications in decision-making.

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	

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. "Composing Offer Sets to Maximize Session Payoffs"

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

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 EXPERIENCE

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

Year	Semester	Level	Class Title	Credit	Mode	Enroll	Eval
2024	Spring	UGRD	IT for Business	3	In-person	65	Forthcoming
2023	Fall	UGRD	IT for Business	3	In-person	63	Forthcoming
2022	Fall	UGRD	IT for Business	3	In-person	56	3.9/5

Naveen Jindal School of Management, UT Dallas　　　Richardson, Texas, U.S.
Graduate Teaching Assistant

Year	Semester	Level	Class Title	Instructor	Mode
2023	Summer	UGRD	IT Infrastructure	John Young	In-person
2023	Summer	UGRD	Systems Analysis and Design	Taimur Khan	In-person
2023	Summer	GRAD	Applied Machine Learning	Muhammad Sabir	In-person
2023	Spring	UGRD	Cybersecurity Governance	Taimur Khan	In-person
2023	Spring	UGRD	Systems Analysis and Design	Taimur Khan	In-person
2023	Spring	GRAD	Financial Technology and Blockchain	Zhiqiang Zheng	Online
2021	Spring	UGRD	Cybersecurity Governance	Taimur Khan	In-person
2021	Spring	UGRD	Systems Analysis and Design	Taimur Khan	In-person
2021	Spring	GRAD	Topics in Industrial Organization	Jianqing Chen	Online
2021	Spring	GRAD	Business Analytics With R	Jianqing Chen	Online
2020	Fall	UGRD	Intro to Healthcare IS	Mark Moonesinghe	Online
2020	Fall	UGRD	Systems Analysis and Design	Taimur Khan	Online
2020	Fall	UGRD	IT for Business	Norman Thompson	Hybrid
2020	Spring	UGRD	IT for Business	Prakash Shrivastava	In-person
2020	Spring	GRAD	Preparing for Cybersecurity Threats	Tejas Shroff	In-person
2019	Fall	GRAD	Cloud Computing	Liugen Song	In-person
2019	Fall	GRAD	Managing IT in the Analytics Age	Vijay Mookerjee	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

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

2023 **Adv. Graduate Teaching Certificate**, Center for Teaching and Learning   UT Dallas

2021 **Graduate Teaching Certificate**, Center for Teaching and Learning   UT Dallas

TALKS

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)