

# YIHONG LIU

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## EDUCATION

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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 (SUFU) Shanghai, P.R.C.  
**Bachelor of Management** Jul. 2015 - Jul. 2019  
Concentration: Information Management and Information Systems

## RESEARCH INTERESTS

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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

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### 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

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**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	NA	NA
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

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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

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2023 **Admission 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

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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

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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

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**Programming:** C++, Java, Python, R, MATLAB, Gurobi, HTML/CSS, JavaScript, SQL  
**Miscellaneous:** Linux, L<sup>A</sup>T<sub>E</sub>X, Tableau, Microsoft Office, Git

## LANGUAGES

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**English** Professional proficiency  
**Chinese** Native proficiency in Mandarin and Hunanese (Hsiang)