

# YIHONG LIU

📍 800 West Campbell Road, Mail Station 33, Richardson, Texas 75080-3021  
✉ [yihong.liu@utdallas.edu](mailto:yihong.liu@utdallas.edu) 🌐 [blog.yihong-liu.com/about](http://blog.yihong-liu.com/about) 📞 0000-0002-4055-3051

## 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.
<b>Ph.D. Candidate of Management Science</b>	Aug. 2019 - Aug. 2025
Concentration: Information Systems	
Shanghai University of Finance and Economics (SUFU)	Shanghai, P.R.C.
<b>Bachelor of Management</b>	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

---

<b>2023 INFORMS Annual Meeting</b>	Phoenix, AZ, U.S.
Presenter for “An Incremental Approach to Team Formation”	Oct. 2023
<b>2023 Conference on Information Systems and Technology</b>	Phoenix, AZ, U.S.
Presenter for “Collaborator Recommendation in An Online Video Community”	Oct. 2023
<b>19th Annual Big XII+ MIS Research Symposium</b>	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*

- ITSS3300 INFORMATION TECH FOR BUSINESS Aug. 2023 - Dec. 2023
- ITSS3300 INFORMATION TECH FOR BUSINESS Aug. 2022 - Dec. 2022

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

- ITSS4330 SYSTEMS ANALYSIS AND DESIGN by Prof. Taimur Khan May – Aug. 2023
- BUAN6341 APPLIED MACHINE LEARNING by Prof. Muhammad Sabir May – Aug. 2023
- ITSS4370 INFO TECH INFRASTRUCTURE by Prof. John Young May – Aug. 2023
- FIN6392 FINTECH AND BLOCKCHAIN by Prof. Zhiqiang Zheng Jan. – May 2023
- ITSS4330 SYSTEMS ANALYSIS AND DESIGN by Prof. Taimur Khan Jan. – May 2023
- ITSS4362 CYBERSECURITY GOVERNANCE by Prof. Taimur Khan Jan. – May 2023
- BUAN6356 BUSINESS ANALYTICS WITH R by Prof. Jianqing Chen Jan. – Apr. 2021
- MECO6360 TOPICS INDUSTRIAL ORGANIZATION by Prof. Jianqing Chen Jan. – Apr. 2021
- ITSS4330 SYSTEMS ANALYSIS AND DESIGN by Prof. Taimur Khan Jan. – Apr. 2021
- ITSS4362 CYBERSECURITY GOVERNANCE by Prof. Taimur Khan Jan. – Apr. 2021
- ITSS3300 INFORMATION TECH FOR BUSINESS by Prof. Norman Thompson Aug. – Dec. 2020
- ITSS4330 SYSTEMS ANALYSIS AND DESIGN by Prof. Taimur Khan Aug. – Dec. 2020
- ITSS4320 INTRO TO HEALTHCARE INFO SYSTM by Prof. Mark Moonesinghe Aug. – Dec. 2020
- ITSS3300 INFORMATION TECH FOR BUSINESS by Prof. Prakash Shrivastava Jan. – Apr. 2020
- MIS6384 PREP FOR CYBERSECURITY THREATS by Prof. Tejas Shroff Jan. – Apr. 2020
- MIS6204 INFORMATION TECH FOR MGMT by Prof. Vijay Mookerjee Aug. – Dec. 2019
- MIS6313 MANAGING IT IN ANALYTICS AGE by Prof. Vijay Mookerjee Aug. – Dec. 2019
- MIS6363 CLOUD COMPUTING by Prof. Logan Song Aug. – Dec. 2019

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

- STATISTICAL THEORY OF DEEP LEARNING by Prof. Ye Luo Jul. 2018
- BUSINESS INTELLIGENCE & DATA ANALYTICS by Prof. Beibei Li Aug. 2018

## 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 **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

---

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, L<sup>A</sup>T<sub>E</sub>X, Tableau, Microsoft Office, Git

## LANGUAGES

---

**English** Professional proficiency

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