

Jingyi Yang

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Education

New York University, Stern School of Business
Ph.D. in Information System

New York, NY
May 2028 (Expected)

The University of Iowa
U2G program MCS: Master of Computer Science

Iowa City, IA
May 2021

The University of Iowa
B.S. Computer Science, B.A. Mathematics

Iowa City, IA
May 2020

Research Interests

Computational Creativity, Interpretable Machine Learning, Fairness and Uncertainty

Journal Publications

- [1] Tong Wang, **Jingyi Yang**, Yunyi Li, Boxiang Wang (2025) PIE—Partially Interpretable Estimators with Refinement. *INFORMS Journal on Computing* 0(0). <https://doi.org/10.1287/ijoc.2022.0098>

Refereed Conference Publications

- [1] **Jingyi Yang**, and Alexander Tuzhilin. “Towards Defining, Measuring and Leveraging Creativity in AI Applications”, *IJCAI International Joint Conferences on Artificial Intelligence* (2026), Acceptance Rate: approximately 15%
- [2] **Jingyi Yang**, and Alexander Tuzhilin. “Pursuing Hard Real-World Classification Problems: A Framework and a Feature-based Solution”, *WITS Workshop on Information Technologies and Systems* (2024)
- [3] Brianna Mueller, W. Nick Street, Stephen Baek, Qihang Lin, **Jingyi Yang**, and Yankun Huang. “FedPAE: Peer-Adaptive Ensemble Learning for Asynchronous and Model-Heterogeneous Federated Learning”, *IEEE International Conference on Big Data* (2024), Acceptance Rate: 18.4%

Invited Presentations

- [1] “Features May be All You Need for Object Classification”, *Biz AI Conference: AI in Business Research*, Dallas, March 2024 (**BizAI 2024**)

Teaching Experiences

Instructor: TECH-UB 57 Data Science for Business - Rating: (5.0/5.0)	Summer 2025
Teaching Fellow: TECH-GB 2336 Data Science for Business	Spring 2025
Teaching Fellow: TECH-GB 3332 Intro to AI and Its Applications in Business	Fall 2024
Teaching Assistant: CS:4480 Knowledge Discovery, University of Iowa	Fall 2021
Teaching Assistant: CS:4330 Theory of Computation, University of Iowa	Spring 2021
Teaching Assistant: CS:4480 Knowledge Discovery, University of Iowa	Fall 2020

Awards

Jason & Leslie Weber Scholarship for Women , Total Amount: \$5000	2019
International Scholarship , Total Amount: \$8000	2016
IJCAI Travel Grant , Total Amount: \$800	2026
Stern Merit Award , Total Amount: \$2000	2026

Academic Service

Organizing Committee:

Local Co-Chair for ACM International Conference on User Modeling, Adaptation and Personalization (UMAP) 2025

Student Volunteer for The International Joint Conferences on Artificial Intelligence (IJCAI) 2026

Program Committee:

INFORMS Workshop on Data Science 2024, INFORMS Workshop on Data Science 2025

Invited Reviewer:

INFORMS Workshop on Data Science 2023, Pacific Asia Conference on Information Systems (PACIS) 2024, International Conference on Information Systems (ICIS) 2025.