



MING YIN

 [mingyin1.github.io](https://github.com/mingyin1) ·  ming.yin@duke.edu ·  Google Scholar

EDUCATION

Duke University

Ph.D. in Electrical and Computer Engineering

Aug 2024 - Present

◇ Advisor: Prof. [Yiran Chen](#)

University of Science and Technology of China

School of the Gifted Young (Honor School)

B.E. in Computer Science

Sept 2020 - June 2024

◇ Advisor: Prof. [Weiming Zhang](#)

PUBLICATIONS

** indicates equal contribution*

- [1] [Which Agent Causes Task Failures and When? On Automated Failure Attribution of LLM Multi-Agent Systems](#)
Shaokun Zhang*, **Ming Yin***, Jieyu Zhang, ..., Beibin Li, Chi Wang, Huazheng Wang, Yiran Chen, Qingyun Wu
ICML 2025 (Spotlight, Top 2.6%)
Media coverage: [Synced](#), [AIEra](#), [QbitAI](#)
- [2] [LiveMCP-101: Stress Testing and Diagnosing MCP-enabled Agents on Challenging Queries](#)
Ming Yin, Dinghan Shen, Silei Xu, Sixun Dong, Mian Zhang, Yebowen Hu, ..., Yiran Chen, Kaiqiang Song
preprint
Media coverage: [Synced](#), [AK](#), [Elvis](#)
- [3] [Poisoning Federated Recommender Systems with Fake Users](#)
Ming Yin, Yichang Xu, Minghong Fang and Neil Gong
The Web Conference 2024 (WWW 2024)
- [4] [Robust Federated Learning Mitigates Client-side Training Data Distribution Inference Attacks](#)
Yichang Xu*, **Ming Yin***, Minghong Fang and Neil Gong
The Web Conference 2024 (WWW 2024)
- [5] [LoBAM: LoRA-Based Backdoor Attack on Model Merging](#)
Ming Yin, Jingyang Zhang, Jingwei Sun, Minghong Fang, Hai Li, Yiran Chen
ICLR 2025 Workshop
- [6] [Keyframe-oriented Vision Token Pruning: Enhancing Efficiency of Large Vision Language Models on Long-Form Video Processing](#)
Yudong Liu, Jingwei Sun, Yueqian Lin, Jingyang Zhang, **Ming Yin**, Qinsi Wang, Jianyi Zhang, Hai Li, Yiran Chen
ICCV 2025
- [7] [Complex Logical Instruction Generation](#)
Mian Zhang, Shujian Liu, Sixun Dong, **Ming Yin**, Yebowen Hu, Xun Wang, Zhiyu Zoey Chen, Kaiqiang Song
preprint
- [8] [MMTok: Multimodal Coverage Maximization for Efficient Inference of VLMs](#)
Sixun Dong, Juhua Hu, Mian Zhang, **Ming Yin**, Yanjie Fu, Qi Qian
preprint

INDUSTRIAL EXPERIENCE

Zoom, Research Intern

May 2025 - Aug 2025

Worked on **Agent Tool Calling**, produced one first-author paper ([LiveMCP-101](#)).

Seattle, WA

SELECTED AWARDS

◇ Duke ECE Travel Fellowship	<i>2025</i>
◇ Duke PhD First Year Fellowship	<i>2024</i>
◇ Excellent Student Scholarship Gold (<i>Top 3%</i>)	<i>2023</i>
◇ Qiangwei Progress Scholarship (<i>Top 1%</i>)	<i>2023</i>
◇ ICPC Asia Regional Contests (<i>Top 5%</i>)	<i>2022</i>
◇ Excellent Student Scholarship Gold (<i>Top 3%</i>)	<i>2021</i>
◇ First Prize of Chinese Physics Olympiad (<i>Top 0.04%</i>)	<i>2019</i>

SERVICE

Reviewer Service

ICLR 2026, EMNLP 2025, ICLR 2025, ICCV 2025, NeurIPS 2025, TDSC

Teaching

Teaching Assistant - ECE 661 Computer Engineering Machine Learning and Deep Neural Nets

Fall 2025