

YANG (JUSTIN) MENG

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EDUCATION

The University of Chicago, IL

Ph.D. in Computer Science

Sept. 2025 – Present

Advisor: Prof. Yuxin Chen

The University of Chicago, IL

B.S. in Computer Science, Mathematics

Oct. 2021 – June 2025

RESEARCH INTERESTS

My research interests lie broadly in Continual Learning, Active Learning, and Reinforcement Learning, with applications to Scientific Domains and Large Language Models. I am interested in developing learning systems that continuously acquire, transfer, and refine knowledge through interaction and experience, with the long-term goal of building more capable, adaptive, and autonomous AI systems.

PUBLICATIONS

Rethinking Transfer in Continual Learning: A Replay-Based Realisation

Yang Meng, Zhenya Liu, Zhuokai Zhao[†], Yuxin Chen[†].

Preprint

Active Feature Acquisition by Distilling an Oracle Teacher

Yang Meng, Zixin Ding, Robert L. Grossman, Yuxin Chen.

Preprint

World Model as High-Fidelity Simulators of Scientific Processes

Yang Meng, Sherry Yang.

Preprint

Accelerating PDE Surrogates via RL-Guided Mesh Optimization

Yang Meng, Ruoxi Jiang, Zhuokai Zhao, Chong Liu, Rebecca Willett, Yuxin Chen.

AISTATS 2026 (Poster)

Personalized Incentive Alignment: Correcting Utility-Driven Selection Bias in A/B Tests

Jiachun Li, **Yang Meng**, David Simchi-Levi, Chonghuan Wang.

AISTATS 2026 (Poster)

CRF-based Recognition of Invasive Fungal Infection Concepts in CHIFIR Clinical Reports

Yang Meng, Vlada Rozova, Karin Verspoor.

ALTA 2023 (Short Paper)

RESEARCH EXPERIENCE

Research Assistant for Professor Yuxin Chen (UChicago CS)

Oct. 2024 – Present

Research Intern for Professor David Simchi-Levi (MIT IDSS)

Feb. 2024 – Feb. 2025

Research Assistant for Professor Haihao Lu (MIT Sloan)

Aug. 2023 – Mar. 2024

Research Intern for Professor Karin Verspoor (RMIT CS)

May 2023 – Oct. 2023

PROFESSIONAL EXPERIENCE

Banxa Crypto

Software Engineer Intern

Apr. 2023 – Aug. 2023

- Built and maintained web application features in JavaScript and Vue3 for cryptocurrency on/off ramps.
- Implemented and optimized third-party integrations, streamlining payment processing workflows.

ACADEMIC SERVICES

Conference Reviewer: AISTATS 2026, NeurIPS 2026

Journal Reviewer: IEEE TNNLS, JMLR