

Jin Yao

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Education

University of Virginia

PhD in Computer Science. Advisor: Prof. Zezhou Cheng

Sept.2023 - May.2028 (expected)

Shanghai Jiao Tong University

B.E. in Artificial Intelligence (Excellent Talent Pilot Class)

Sept.2019 - Jun.2023

Research Interest

3D Computer Vision, Object Detection, 3D Scene Understanding, 3D Generative Modeling

Selected Publications

(* denotes the co-first authors)

1. Open Vocabulary Monocular 3D Object Detection

Jin Yao, Hao Gu, Xuweiyi Chen, Jiayun Wang, Zezhou Cheng

International Conference on 3D Vision (3DV), 2026

[Paper] [Project Page]

2. LabelAny3D: Label Any Object 3D in the Wild

Jin Yao*, Radwan Mahmud Redoy*, Sebastian Elbaum, Matthew B. Dwyer, Zezhou Cheng

Conference on Neural Information Processing Systems (NeurIPS), 2025

[paper] [Project Page]

3. Machine Unlearning of Pre-trained Large Language Models

Jin Yao, Eli Chien, Minxin Du, Xinyao Niu, Tianhao Wang, Zezhou Cheng, Xiang Yue

Association for Computational Linguistics (ACL) main, 2024

[Paper] [Code]

Other Publications

1. Towards Large Language Models that Benefit for All: Benchmarking Group Fairness in Reward Models

Kefan Song, Jin Yao, Runnan Jiang, Rohan Chandra, Shangtong Zhang

Reinforcement Learning Conference (RLC), 2025

2. TrajDeleter: Enabling Trajectory Forgetting in Offline Reinforcement Learning Agents

Chen Gong, Kecen Li, Jin Yao, Tianhao Wang

Network and Distributed System Security Symposium (NDSS), 2025

Technical Skills

3D Vision: 3D Object Detection, 3D/4D GS, Image-to-3D Generation, 3D Reconstruction, Mesh Generation

Programming & Frameworks: Python, C++, PyTorch, PyTorch3D, Open3D, transformers, detectron2

Tools: Git, Docker, Linux, LaTeX, Blender, WandB, SLURM

Selected Honors & Awards

NeurIPS 2025 Scholar Award

Oct 2025

Outstanding graduate of Shanghai Jiao Tong University

Jun 2023

Undergraduate Class C Scholarship

Sept 2022

National Second Prize of Service Outsourcing Innovation and Entrepreneurship Competition

Aug 2022