YU ZHOU

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OVERVIEW

Current Objectives

Open to Research Internship and Fellowship Opportunities.

Research Interests

Reasoning in large multi-modal video-language models, web / embodied agents, evaluation and datasets.

EDUCATION

University of California, Los Angeles *Sep 2024 - Present*

Ph.D. in Computer Science
Advisors: Nanyun Peng, Kai-Wei Chang

University of California, Los Angeles *Sep 2019 - Dec 2023*

B.S. in Mathematics of Computation, minor in Data Science Engineering

EXPERIENCE

Stanford University *March 2024 - Sep 2024*

Research Intern

- *Mentors: Jiajun Wu, Fei-Fei Li*
- Constructing large-scale multi-modal benchmarks to evaluate LLMs and VLMs on embodied decision making.

University of California, Los Angeles *Feb 2023 - Feb 2024*

Undergraduate Researcher

- *Mentors: Nanyun Peng, Kai-Wei Chang*
- Visual synthetic data generation; enhancing egocentric object detection/tracking; dialectal bias in T2I models.

University of Illinois Urbana-Champaign *May 2022 - Jan 2023*

Research Intern

- *Mentors: Heng Ji, Mohit Bansal, Shih-Fu Chang*
- Learning non-sequential procedural planning from video and text and inducing graph schemata.

SELECTED PUBLICATIONS

Embodied Agent Interface: Benchmarking LLMs for Embodied Decision Making ↗ *NeurIPS 2024 (Oral)*
Best Paper Award at SoCal NLP Symposium 2024

Manling Li*, Shiyu Zhao*, Qineng Wang*, Kangrui Wang*, **Yu Zhou*** (equal contribution), Sanjana Srivastava, Cem
Gokmen, Tony Lee, Li Erran Li, Ruohan Zhang, Weiyu Liu, Percy Liang, Li Fei-Fei, Jiayuan Mao, Jiajun Wu

Localizing Active Objects from Egocentric Vision with Symbolic World Knowledge ↗ *EMNLP 2023 (Oral)*
Te-Lin Wu[*], **Yu Zhou**[*] (equal contribution), Nanyun Peng

Non-Sequential Graph Script Induction via Multimedia Grounding ↗ *ACL 2023*
Yu Zhou, Sha Li, Manling Li, Xudong Lin, Shih-Fu Chang, Mohit Bansal, Heng Ji

ACADEMIC ACTIVITIES

In-Person Presentations:	NeurIPS 2024 (Oral), EMNLP 2023 (Oral), ACL 2023 (Poster)
Program Committee:	NeurIPS, ICLR, CVPR, ACL, EMNLP, NAACL
Conference Volunteer:	ACL 2023