

YU ZHOU

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OBJECTIVE

Summer 2025 Research Internship

Research Interests

Reasoning in multi-modal and embodied settings, building web / embodied agents, and model evaluation.

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

April 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)*
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

Towards Universal Visual Concept Recognition via Contrastive Data Augmentation *CVPR 2025 (on-going)*
Yu Zhou*, Bingxuan Li*, Mohan Tang*, Te-Lin Wu, Xiaomeng Jin, Kuan-Hao Huang, Heng Ji, Nanyun Peng

Dialectal Biases in Text-to-Image Generative Models *ACL 2025 (on-going)*
Yu Zhou, Da Yin, Allen Cheung, Connor Couture, Kai-Wei Chang, Nanyun Peng

Benchmarking VLMs for Embodied Decision Making *ICML 2025 (to be submitted)*
Yu Zhou*, Qineng Wang*, Wenlong Huang*, Manling Li*, Kangrui Wang, Yunfan Jiang, Ruohan Zhang, Weiyu Liu, Yunzhu Li, Li Fei-Fei, Jiajun Wu

ACADEMIC ACTIVITIES

In-Person Presentations:	EMNLP 2023 (Oral), ACL 2023 (Poster), SoCal NLP 2023 (Poster x2)
Program Committee:	NeurIPS, ICLR, CVPR, ACL, EMNLP, NAACL
Awards Committee:	SoCal NLP Symposium
Conference Volunteer:	ACL 2023