

YU ZHOU

✉ yu.zhou@ucla.edu ☎ (310)-882-0094 🏠 [yu-bryan-zhou.github.io](https://github.com/yu-bryan-zhou)

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)*
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

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

SKILLS

- Programming:** C/C++, Python, JavaScript, SQL, R, MATLAB, HTML, CSS
Technologies: UNIX, Git, React, PostgreSQL, MongoDB, Redis, Neo4j
Machine Learning: PyTorch, TensorFlow, MapReduce, Apache Spark