

Haoyu Zhao

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Education

Zhejiang University | School of Computer Science | Master
Incoming master in Zhejiang University, supervised by Bohan Zhuang.

Wuhan University | School of Computer Science | Bachelor 2022.09 – present
GPA: 3.94/4.0, ranking 1/218.

Selected Publications

CoV: Chain-of-View Prompting for Spatial Reasoning

Haoyu Zhao*, Akide Liu*, Zeyu Zhang*, Weijie Wang*, Feng Chen, Ruihan Zhu, Gholamreza Haffari, Bohan Zhuang †

ACL 2026

- We propose Chain-of-View Prompting, a test-time reasoning framework that enhances VLMs' ability to handle complex spatial reasoning in embodied question answering. By leveraging coarse-to-fine view selection and camera adjustment, the agent acquires sufficient question-relevant views to answer spatially complex questions, thereby improving performance on EQA tasks.
- CoV prompting enables test-time scaling. As the number of exploration steps increases, the agent's performance improves gradually.
- Experimental results on the latest embodied QA benchmarks demonstrate significant improvements through our systematic view exploration approach. Our method achieves up to a 13.62% improvement on the OpenEQA benchmark.

P2M: Generating Full Motion from Single Pose

Haoyu Zhao

Manuscript in preparation

- We propose a novel Semantic Inversion module to translate pose into motion-sequence-level semantics via contrastive learning.
- We build a P2M framework for motion generation that leverages a single key pose—optionally complemented by textual descriptions—to accomplish pose-to-motion task.
- We demonstrate the practical benefits of this approach in quantitative experiments and user studies.

Honors and Awards

- **China National Scholarship** (awarded **three** times in 2023,2024,2025). Top 2% nationwide.
- **Outstanding Model Student of WHU** of 2024, featured by official university media.
- **Luojia Undergraduate Innovation Research Grant of WHU** in 2024, RMB 50,000 per recipient.
- **Grand Prize Winner** in 19th Citi Cup Financial Application Innovation Competition 2024.

Projects

HumanML3D Annotation Tool | Motion dataset annotation tool 2025-01 – 2025-03

- A web platform for annotating HumanML3D dataset, built for the P2M research project.
- Cross-platform, easy to deploy, and supports multi-user collaboration.
- Open sourced at Github.

Services

- **Outstanding Student Leader**, Wuhan University in academic year 2023–2024.
- **Outstanding Teaching Assistant**, Advanced Programming Languages in 2023 fall.