

Canyu Zhao

Zhejiang University | canyu.zhao@zju.edu.cn

Research Area

Computer Vision, specializing in diffusion models and multimodal large models.

Citations: 203 h-index: 6 i10-index: 6 (Recent 2 years)

Education

PhD Candidate - Zhejiang University - State Key Lab of CAD&CG

2025 – Now

PhD Advisor: Chunhua Shen, Hao Chen

Master - Zhejiang University - State Key Lab of CAD&CG

2023 – 2025

Advisor: Chunhua Shen, Hao Chen

Awards:

- Outstanding Master Student of 2024 and 2025
- Award for All-rounded MS Student of 2024 and 2025

Bachelor - Zhejiang University

2019 – 2023

Department of Computer Science and Technology GPA: 3.98/4.00

Awards:

- Model Student for Outstanding Academic Performance, Outstanding Graduate
- Zhejiang University Scholarship (2020, 2021, 2022)

Publications

[Nature] 3rd Author

Realtime Glasses-Free 3D Display with Seamless Ultrawide Viewing Range using Deep Learning

[NeurIPS Spotlight] 1st Author

Diception: A generalist diffusion model for visual perceptual tasks

[ICLR] 1st Author

MovieDreamer: Hierarchical Generation for Coherent Long Visual Sequences

[CVPR] co-1st Author

FreeCustom: Tuning-Free Customized Image Generation for Multi-Concept Composition

[IJCV] co-1st Author

AutoStory: Generating Diverse Storytelling Images with Minimal Human Effort

[NeurIPS]

Omni-R1: Reinforcement Learning for Omnimodal Reasoning via Two-System Collaboration

[IJCV] 1st Author

FreerCustom: Training-Free Multi-Concept Customization for Image and Video Generation

Publications in Progress

[Preprint] 2nd Author

Active-O3: Empowering Multimodal Large Language Models with Active Perception via GRPO

[Preprint] 1st Author

TINKER: Diffusion's Gift to 3D-Multi-View Consistent Editing From Sparse Inputs without Per-Scene Optimization