

Zhiyuan Ren

Curriculum Vitae

 <https://zhiyuan-r.github.io/>

Summary

I am interested in any research topics which will lead to **AGI**.

Education

- 2022–Present **Ph.D. in Computer Science**, *Michigan State University*, East Lansing, MI, Supervised by **Xiaoming Liu**
- 2018–2022 **B.Eng in Computer Science**, *Huazhong University of Science and Technology*, Wuhan, China
- 2021–2022 **Exchange Student**, *University of California, Santa Barbara (UCSB)*, Santa Barbara, CA, Supervised by **Shiyu Chang**

Professional Experience

- Intern **Megvii**, *Beijing, China*, 2021.5–2021.7
- Intern **SenseTime**, *Beijing, China*, 2021.7–2021.10
- Intern **Baidu (U.S.)**, *USA*, 2022.5–2022.8
- Intern **OPPO (U.S.)**, *USA*, 2023.5–2023.8

Selected Papers

Anonymous. *InstructCLIP: Learning Instruction-Aware Visual Representation*. In submission.

Zhiyuan Ren, Yiyang Su, Xiaoming Liu. *ChatGPT-Powered Hierarchical Comparisons for Image Classification*. NeurIPS 2023.

Zhiyuan Ren, Minchul Kim, Feng Liu, Xiaoming Liu. *TIGER: Time-Varying Denoising Model for 3D Point Cloud Generation with Diffusion Process*. CVPR 2024.

Xiao Guo, Xiaohong Liu, **Zhiyuan Ren**, Steven Grosz, Iacopo Masi, Xiaoming Liu. *Hierarchical Fine-Grained Image Forgery Detection and Localization*. CVPR 2023.

Feng Liu, Minchul Kim, **Zhiyuan Ren**, Xiaoming Liu. *Distilling CLIP with Dual Guidance for Learning Discriminative Human Body Shape Representation*. CVPR 2024.

Zhiyuan Ren, Zhihong Pan, Xin Zhou, Le Kang. *Diffusion Motion: Generate Text-Guided 3D Human Motion by Diffusion Model*. ICASSP 2023.

Zhiyuan Ren, Yaohai Zhou, Yizhe Chen, Ruisong Zhou, Yayu Gao. *Efficient human pose estimation by maximizing fusion and high-level spatial attention*. IEEE FG 2021.

Andrew Hou, Feng Liu, **Zhiyuan Ren**, Michel Sarkis, Ning Bi, Yiyang Tong, Xiaoming Liu. *INFAMOUS-NeRF: ImproviNg FAcE MOdeling Using Semantically-Aligned Hypernetworks with Neural Radiance Fields*. Arxiv.