

HENGJIA LI

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🎓 EDUCATION

Carnegie Mellon University (CMU)
Research scholar in Human Sensing Lab
Advisor: Prof. Fernando De la Torre

Pittsburgh, US
Nov. 2024 – Nov. 2025

Zhejiang University (ZJU)
Ph.D. in Computer Science and Technology
Advisors: Prof. Deng Cai & Prof. Xiaofei He

Hangzhou, China
Sep. 2021 – June 2026 (Expected)

Zhejiang University (ZJU)
B.S. in Mathematical Science

Hangzhou, China
Sep. 2017 – June 2021

★ RESEARCH INTERESTS

- Unified Multi-Modal Model
- Post Training for Visual Generation Model
- Image / Video Controllable Generation

📖 SELECTED PUBLICATIONS

- **ThinkRL-Edit: Thinking in Reinforcement Learning for Reasoning-Centric Image Editing.** (*Under Review*)
Hengjia Li, Liming Jiang, Qing Yan, Yizhi Song, Hao Kang, Zichuan Liu, Xin Lu, Boxi Wu, Deng Cai
- **MagicID: Hybrid Preference Optimization for ID-Consistent and Dynamic-Preserved Video Customization.** *ICCV 2025* (Project Page)
Hengjia Li, Lifan Jiang, Xi Xiao, Tianyang Wang, Hongwei Yi, Boxi Wu, Deng Cai
- **PersonalVideo: High ID-Fidelity Video Customization without Dynamic and Semantic Degradation.** *ICCV 2025* (Project Page)
Hengjia Li, Haonan Qiu, Shiwei Zhang, Xiang Wang, Yujie Wei, Yingya Zhang, Boxi Wu, Deng Cai
- **PersonalView: Multi-View Consistent Human Image Customization via In-Context Learning.** (*Under Review*)
Hengjia Li, Jianjin Xu, Lifan Jiang, Anyi Chen, Boxi Wu, Fernando De la Torre, Deng Cai
- **Few-shot Hybrid Domain Adaptation of Image Generators.** *ICLR 2024* (Project Page)
Hengjia Li, Yang Liu, Linxuan Xia, Tu Zheng, Zheng Yang, Wenxiao Wang, Xiaohui Zhong, Xiaobo Ren, Xiaofei He
- **GCA-3D: Towards Generalized and Consistent Domain Adaptation of 3D Generators.** (*Under Review*)
Hengjia Li, Yang Liu, Yibo Zhao, Haoran Cheng, Yang Yang, Linxuan Xia, Zekai Luo, Qibo Qiu, Boxi Wu, Tu Zheng, Zheng Yang, Deng Cai
- **UniHDA: A Unified and Versatile Framework for Generalized Hybrid Domain Adaptation.** (Project Page, *Under Review*)
Hengjia Li, Yang Liu, Yuqi Lin, Zhanwei Zhang, Yibo Zhao, Weihang Pan, Tu Zheng, Zheng Yang, Chunjiang Yu, Boxi Wu, Deng Cai
- **DreamRelation: Relation-Centric Video Customization.** *ICCV 2025*
Yujie Wei, Shiwei Zhang, Hangjie Yuan, Biao Gong, Longxiang Tang, Xiang Wang, Haonan Qiu, Hengjia Li, Shuai Tan, Yingya Zhang, Hongming Shan
- **Local Conditional Controlling for Text-to-Image Diffusion Models.** *AAAI 2025*
Yibo Zhao, Liang Peng, Yang Yang, Hengjia Li, Yao Chen, Wei Zhao, Qinglin Lu, Wei Liu, Boxi Wu
- **LoRA-Composer: Leveraging Low-Rank Adaptation for Multi-Concept Customization in Training-Free Diffusion Models.** (*Under Review*)
Yang Yang, Wen Wang, Liang Peng, Chaotian Song, Yao Chen, Hengjia Li, Xiaolong Yang, Qinglin Lu, Deng Cai, Boxi Wu, Wei Liu

EXPERIENCE

Tiktok. San Jose, US. *Research Intern* Jun. 2025 – Present

Research on the topic of reasoning image editing with unified understanding and generation model.

Hedra AI. SF, US. *Research Intern* Dec. 2024 – May 2025

1. Research on the topic of ID consistent video customization with DPO strategy.
2. Inference optimization and data process for an audio-conditioned image-to-video model.

Alibaba Tongyi WanX. Hangzhou, China. *Research Intern* May 2024 – Dec. 2024

Research on the topic of high ID-fidelity video customization without dynamic and semantic degradation.

Human Sensing Lab. Pittsburgh, US. *Research Assistant* Feb. 2024 – Nov. 2024

Research on the topic of high-quality image identity customization.

Fabu Tech. Hangzhou, China. *Intern* Aug. 2021 – May 2024

Development and deployment of perception deep learning models for Autonomous Driving.

HONORS AND AWARDS

Academic Excellence Award 2024-2025

Outstanding graduate student of Zhejiang University 2022-2025

Outstanding graduate of Zhejiang University 2021

2nd Academic Scholarship at Zhejiang University 2020

3rd Academic Scholarship at Zhejiang University 2019

SKILLS

- Programming Languages: Python, C, C++
- Platform: Linux