

Lei Wang (王雷)

☎ 18232976251 ✉ scitop1998@gmail.com 🏠 [Google Scholar](#)

🎓 Education

Nankai University			Sep 2024 – Present
Computer Science and Technology	Ph.D.	Focus: Image/Video Generation	Tianjin, China
Hebei Agricultural University			Sep 2021 – Jun 2024
Computer Science and Technology	Master	Focus: Gait Recognition	Baoding, China
Hebei Agricultural University			Sep 2017 – Jun 2021
Software Engineering	Bachelor		Baoding, China

🏢 Publications

- Lei Wang**, Bo Liu, et al. Hierarchical Spatio-Temporal Representation Learning for Gait Recognition[C]. Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV). 2023. (CCF A)
- Lei Wang**, Bo Liu, et al. GaitMM: Multi-granularity motion sequence learning for gait recognition[C]. IEEE International Conference on Image Processing (ICIP). 2023. (CCF C)
- Lei Wang**, Bo Liu, et al. HiH: A Multi-modal Hierarchy in Hierarchy Network for Unconstrained Gait Recognition. Knowledge-based systems (KBS). (under review)
- Lei Wang**, Senmao Li, et al. Not All Parameters Matter: Masking Diffusion Models for Enhancing Generation Ability[C]. Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR). 2025. (CCF A)
- Lei Wang**, Yang Cheng, et al. WaDi: Weight Direction-aware Distillation for One-step Image Synthesis[C]. Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR). 2026. (CCF A)
- Lei Wang**, Yuxin Song, et al. RefAlign: Representation Alignment for Reference-to-Video Generation[C]. Arxiv. 2026.
- Senmao Li, **Lei Wang**, et al. One-way ticket: Time-Independent Unified Encoder for Distilling Text-to-Image Diffusion Models[C]. Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR). 2025. (CCF A)
- Wu, G., Zhang, S., Shi, R., Gao, S., Chen, Z., **Wang, L.**, et al. Representation Entanglement for Generation: Training Diffusion Transformers Is Much Easier Than You Think[C]. Advances in Neural Information Processing Systems (NeurIPS), 2025. (CCF A, Oral)

🔧 Internships

- Aug 2025 – Present, Baidu Inc., Research Intern, **Video Generation**, Beijing. Mentor: [Yuxin Song](#)

⚙️ Technical Skills

- Extensive experience in large-scale distributed training (100+ GPU scale)
- Working knowledge of [DiffSynth-Studio](#), Diffusers, and [OpenGait](#).
- Working knowledge of PyTorch for deep learning model development and training
- Programming: Python ≫ C = CPP > Java

📄 Miscellaneous

- [Personal Website](#)
- [Technical Blog \(CSDN, 7,300+ followers\)](#)
- <https://github.com/gudaochangsheng>
- English: CET-4 (468), CET-6 (436)
- Mandarin: Level 2-A
- [Zhihu Profile \(1,000+ followers\)](#)