

Leiyu Wang

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🔗 [Personal Page](#)



Shanghai Jiao Tong University - Master - CS

2025.09 - 2028.03

[Prof. Nanyang Ye's](#) research group, lead the construction of embodied intelligence infrastructure and VLA model training.

Shanghai Innovation institution - Visiting Master - Embodied AI

2025.02 - 2028.03

- Scalable VLA Training leader of the Embodied Intelligence Landmark Project (led by [Prof. Cewu Lu](#))

Nanjing University - Bachelor - CS(Honor Program)

2021.09 - 2025.06

- Awards: University First-Class Scholarship, Special Scholarship for Basic Disciplines

📁 Work Experience

HarmonyOS Department Intern - Huawei

2024.07 - 2024.09

Participated in the R&D of HarmonyOS animation components, with an excellent internship evaluation

- Researched Lottie and industry use cases, organized Lottie ArkTS framework logic, and authored 10+ knowledge Wiki pages. Built a complete AE-to-Lottie demo and developed a parsing tool that condenses raw Lottie data from thousands of lines to hundreds, laying key groundwork for atomic animation implementation.

📁 Projects

Real-World Robot and VLA Full-Stack Development

[Details](#)

2024.10-2025.09 Led real-world robot development and code infrastructure construction for the research group's, achieving end-to-end capabilities including real-robot data collection, VLA model fine-tuning, remote model inference deployment, and DAGger RL pipeline setup. Familiar with well-known VLA model families such as π , GROOT, ChatVLA.

📁 Publications

SyVLA - [ICML 2026](#)

[Project Page](#)

- Scaling by Diversified Experience for Vision-Language-Action Models
- Co-first author (primary)
- A 4B VLA model pre-trained on open-source data, covering three stages: pre-training, downstream fine-tuning, and RL.
- VLA models suffer from reasoning-control entanglement and policy instability. SyVLA addresses this with intention decoupling and similarity-guided RL. It achieves higher task success, better out-of-distribution generalization, and preserves core vision-language capabilities.

DEmO - [ACL 2024 Findings](#)

[Paper Link](#)

- What Makes a Good Order of Examples in In-Context Learning
- Second author
- In-context learning is highly sensitive to example order. Existing heuristics rely on in-domain data and ignore instance-specific differences. We propose DEmO, which

adaptively selects the optimal order per test instance without extra data—using label fairness filtering and a content-free metric—outperforming strong baselines and generalizing across settings.

Skills

- Proficient in Python and PyTorch; familiar with Machine Learning / LLM / VLM
- Experienced in pretraining VLA on 64 H200 GPUs
- Familiar with ROS, CUDA, JavaScript, C/C++, Java, SQL, etc.