

Nanxiang Jiang

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Education

Beihang University (BUAA)

B.E. in Computer Science (Expected Jun 2027)
Top Talents Program in Computer Science
GPA: 3.86 / 4.00 (Rank: 2 / 20)
Research Interests: Spacial Agents, Generative Models, Embodied AI, 3D / 4D Reconstruction
Advisors: Prof. Si Liu, Asst. Prof. Zhaoxin Fan

Selected Awards

SenseTime Scholarship (Top 30 nationwide)	2025
National Second Prize in the Ministry of Education “Question & Conjecture” Program (Top 15 nationwide)	2026
Beihang University Triple-A student	2024
National Scholarship	2024

Publications and Preprints

(* Equal Contribution)

- [1] **Nanxiang Jiang**, Yang Liu, Yuanhao Wang, Min Xu, “Localizing Concepts in Visual Autoregressive Models”, *arxiv*, 2026.
- [2] Zhaoxin Fan*, **Nanxiang Jiang***, Daiheng Gao, Shiji Zhou, Wenjun Wu, “EraseAnything++: Enabling Concept Erasure in Rectified Flow Transformers Leveraging Multi-Object Optimization”, *arxiv*, 2026.
- [3] **Nanxiang Jiang**, Zhaoxin Fan, Baisen Wang, Daiheng Gao, Junhang Cheng, Jifeng Guo, Yalan Qin, Yeying Jin, Hongwei Zheng, Faguo Wu, Wenjun Wu, “Z-Erase: Enabling Concept Erasure in Single Stream Diffusion Transformers”, *International Conference on Machine Learning (ICML)*, 2026.
- [4] **Nanxiang Jiang**, Zhaoxin Fan, Enhao Kang, Daiheng Gao, Yun Zhou, Yanxia Chang, Zheng Zhu, Yeying Jin, Wenjun Wu, “Erased, But Not Forgotten: Erased Rectified Flow Transformers Still Remain Unsafe Under Concept Attack”, *Computer Vision and Pattern Recognition (CVPR) findings*, 2026.
- [5] Junhang Cheng, Fang Liu, Jia Li, Chengru Wu, **Nanxiang Jiang**, Li Zhang, “CangjieBench: Benchmarking LLMs on a Low-Resource General-Purpose Programming Language”, *ESEM*, 2026.
- [6] Daiheng Gao*, **Nanxiang Jiang***, Andi Zhang, Shilin Lu, Yufei Tang, Wenbo Zhou, Weiming Zhang, Zhaoxin Fan, “Revoking Amnesia: RL-based Trajectory Optimization to Resurrect Erased Concepts in Diffusion Models”, *arXiv*, 2025.
- [7] Shiyong Duan*, Pei Ren*, **Nanxiang Jiang**, Zhengping Che, Jian Tang, Yifan Sun, Zhaoxin Fan, Wenjun Wu, “RoboPARA: Dual-Arm Robot Planning with Parallel Allocation and Recomposition Across Tasks”, *International Conference on Learning Representations (ICLR)*, 2026.
- [8] Zhiwei Sun, Wenge Rong, **Nanxiang Jiang**, Yuxi Bai, Jing Li, Zhang Xiong, “Understanding Variable Length Arrays in the C Language”, *IEEE Software*.

Selected Academic Projects

Single-Image 3D Human Reconstruction with High-Fidelity Textures

Developed a monocular 3D human reconstruction method that jointly recovers detailed geometry and coherent full-body textures from a single image. Uses part-wise geometry estimation and side-view decoupled transformers.

A Modular Unix-like Shell with Full Parsing and Execution Pipeline

Designed and implemented a Unix-like shell from scratch, featuring lexical analysis, recursive-descent parsing, AST-based execution, etc. The project emphasizes system-level process control, and extensible shell tools inspired by POSIX shells.

MIPS CPU: RTL Implementation of a Pipelined Processor

Designed and implemented a five-stage MIPS pipeline CPU in Verilog with full data forwarding and hazard control, enabling stall-free execution for most data dependencies.

Others: Github

Industry Experience

X Humanoid (Beijing Humanoid Robot Innovation Center)

2024

Research Intern, working on dual-arm humanoid robot task planning (Physics + AI). Advisor: Pei Ren

Skills

Languages: English (TOEFL iBT 110/5.5)

Programming: Python, PyTorch, Java, C/C++, MATLAB, etc.