Juntu Zhao

Shanghai Jiao Tong University (SJTU)

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+86 13029385339

Last updated Jan, 2026

Research Interests

Vision-Language-Action Models

Multi-Modal LLMs

AI for Biology

Education

Ph.D. in Computer Science — *Sept, 2023 - present*

Advisor: Dequan Wang — SJTU

Shanghai AI Lab

B.S. in Artificial Intelligence — *Sept, 2019 - Jul, 2023*

SJTU AI Distinguished Pilot Class — SJTU

SJTU Zhi Yuan Honors Program

SJTU Outstanding Graduates

Publication

Conference Proceedings:

1 **Lost in Translation: Latent Concept Misalignment in Text-to-Image Diffusion Models**
   Juntu Zhao, Junyu Deng*, Yixin Ye*, Chongxuan Li, Zhijie Deng†, Dequan Wang†
   European Conference on Computer Vision (ECCV), 2024

Technical Reports:

2 **Saying the Unsaid: Revealing the Hidden Language of Multimodal Systems Through Test-Time Telephone Games**
   Juntu Zhao, Jialing Zhang, Chongxuan Li, Dequan Wang†
   Conference on Neural Information Processing Systems (NeurIPS) 2025, Workshop MTI-LLM

1 **Do You Need Proprioceptive States in Visuomotor Policies?**
   Juntu Zhao*, Wenbo Lu*, Di Zhang, Yufeng Liu, Yushen Liang, Tianluo Zhang, Yifeng Cao, Junyuan Xie, Yingdong Hu, Shengjie Wang, Junliang Guo, Dequan Wang†, Yang Gao†
   arXiv preprint https://arxiv.org/abs/2509.18644

Research Intern

Spirit AI — *Jun, 2025 - present*

Spirit VLA Team, working with Junliang Guo, Junyuan Xie and Yang Gao

The first policy (Spirit-v1.5) beats $\pi_{0.5}$ on RoboChallenge, Core Contributions.

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*Equal contribution. † Corresponding authors.

Athlete Career

Captain of SJTU Track Team *Sept, 2021 - present*
SJTU Track Team

Assistant Coach of SJTU Track Team *Mar, 2023 - present*
SJTU Track Team

Golden Medal in Men's 4×100 Meters Relay *May, 2025*
2025 Shanghai University Athletics League Cup SJTU Track Team
Time: 44.37s, Wind Speed: disregarded in 400 meters race

Bronze Medal in Men's 100 Meters Race *Nov, 2024*
2024 Shanghai Student Games - University Track SJTU Track Team
Time: 11.53s, Wind Speed: -0.7m/s

赵峻图

上海交通大学

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最近更新：*2026 年 1 月*

研究兴趣

具身智能

多模态大语言模型

人工智能赋能的生物科学

教育经历

计算机科学与技术｜博士研究生　　　　　　　　　*2023 年 9 月至今*

导师：王德泉　　　　　　　　　　　　　　上海交通大学

研究方向：人工智能　　　　　　　　　　上海人工智能实验室

人工智能｜学士　　　　　　　　　　*2019 年 9 月 - 2023 年 7 月*

人工智能卓越人才试点班　　　　　　　　　　上海交通大学

致远荣誉计划

优秀本科毕业生

论文发表

会议论文：

1　**Lost in Translation: Latent Concept Misalignment in Text-to-Image Diffusion Models**

Juntu Zhao, Junyu Deng*, Yixin Ye*, Chongxuan Li, Zhijie Deng[†], Dequan Wang[†]

European Conference on Computer Vision (ECCV), 2024

预印本：

2　**Saying the Unsaid: Revealing the Hidden Language of Multimodal Systems Through Test-Time Telephone Games**

Juntu Zhao, Jialing Zhang, Chongxuan Li, Dequan Wang[†]

Conference on Neural Information Processing Systems (NeurIPS) 2025, *Workshop MTI-LLM*

1　**Do You Need Proprioceptive States in Visuomotor Policies?**

Juntu Zhao*, Wenbo Lu*, Di Zhang, Yufeng Liu, Yushen Liang, Tianluo Zhang, Yifeng Cao, Junyuan Xie, Yingdong Hu, Shengjie Wang, Junliang Guo, Dequan Wang[†], Yang Gao[†]

arXiv preprint https://arxiv.org/abs/2509.18644

实习经历

千寻智能　　　　　　　　　　　　　　　　　*2025 年 6 月至今*

Spirit VLA 团队（与郭俊良、解浚源和高阳一起工作）

发布 RoboChallenge 榜单上第一个超越 $\pi_{0.5}$ 的模型 Spirit-v1.5，核心贡献

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*同等贡献，[†] 通讯作者。

运动员经历

上海交通大学田径队队长   *2021 年 9 月至今*
                                              上海交通大学田径队

上海交通大学田径队助理教练   *2023 年 3 月至今*
                                              上海交通大学田径队

男子 4×100 米接力金牌   *2025 年 5 月*
2025 上海市大学生田径联盟杯赛   上海交通大学田径队
成绩：44.37s，400 米比赛不计算风速

男子 100 米铜牌   *2024 年 11 月*
2024 上海市学生运动会 (高校组)   上海交通大学田径队
成绩：11.53s，风速：-0.7m/s