

Juntu Zhao

Shanghai Jiao Tong University (SJTU)

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Last updated Jan, 2026

Research Interests

Vision-Language-Action Models

Multi-Modal LLMs

AI for Biology

Education

Ph.D. in Computer Science

Advisor: Dequan Wang

Sept, 2023 - present

SJTU

Shanghai AI Lab

B.S. in Artificial Intelligence

SJTU AI Distinguished Pilot Class

SJTU Zhi Yuan Honors Program

SJTU Outstanding Graduates

Sept, 2019 - Jul, 2023

SJTU

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) beating $\pi_{0.5}$ on RoboChallenge, Core Contributions.

*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

导师: 王德泉

研究方向: 人工智能

2023 年 9 月至今

上海交通大学

上海人工智能实验室

人工智能 | 学士

人工智能卓越人才试点班

致远荣誉计划

优秀本科毕业生

2019 年 9 月 - 2023 年 7 月

上海交通大学

论文发表

会议论文:

- 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:

- 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
- 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

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

2025 年 6 月至今

*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 上海市大学生田径联盟杯赛
成绩：44.37s，400 米比赛不计算风速

2025 年 5 月
上海交通大学田径队

男子 100 米铜牌

2024 上海市学生运动会 (高校组)
成绩：11.53s，风速：-0.7m/s

2024 年 11 月
上海交通大学田径队