

ZHENYU WEI

✉ Zhenyu_Wei@sjtu.edu.cn  [zhenyuwei2003](https://github.com/zhenyuwei2003)  <https://zhenyuwei2003.github.io/>

EDUCATION

Shanghai Jiao Tong University, China
B.Eng. in Computer Science (Zhiyuan Honor Degree)

Sep. 2021 - Jun. 2025
GPA: 4.0/4.3 (92.5/100)

PUBLICATIONS

[4]

TelePreview: A User-Friendly Teleoperation System with Virtual Arm Assistance for Enhanced Effectiveness [\[Web\]](#)
Jingxiang Guo, Jiayu Luo*, Zhenyu Wei*, Yiwen Hou, Zhixuan Xu, Xiaoyi Lin, Chongkai Gao, Lin Shao*
ICRA 2025 @ Human-Centric Multilateral Teleoperation Workshop (**Best Paper Award**)

[3]

MetaFold: Language-Guided Cross-Category Garment Folding Framework via Trajectory Generation and Foundation Model [\[Web\]](#)
Haonan Chen, Junxiao Li*, Ruihai Wu, Yiwei Liu, Yiwen Hou, Zhixuan Xu, Jingxiang Guo, Chongkai Gao, Zhenyu Wei, Shensi Xu, Jiaqi Huang, Lin Shao*
IROS 2025

[2]

$\mathcal{D}(\mathcal{R}, \mathcal{O})$ Grasp: A Unified Representation for Cross-Embodiment Dexterous Grasping [\[Web\]](#)
Zhenyu Wei, Zhixuan Xu*, Jingxiang Guo, Yiwen Hou, Chongkai Gao, Zhehao Cai, Jiayu Luo, Lin Shao*
ICRA 2025 (**Best Paper Award on Robot Manipulation and Locomotion**)
CoRL 2024 @ MAPoDeL Workshop (**Best Robotics Paper Award**)

[1]

Auto-Pairing Positives through Implicit Relation Circulation for Discriminative Self-Learning
Bo Pang, Zhenyu Wei, Jingli Lin, Cewu Lu
TPAMI 2025 (IF: 18.6)

RESEARCH EXPERIENCE

Shanghai Qi Zhi Institute · Tsinghua Embodied AI Lab
Research Intern
Research Topics: real-world reinforcement learning

Feb. 2025 - Jul. 2025
Advisor: Prof. [Huazhe Xu](#)

National University of Singapore · LinS Lab
Research Assistant
Research Topics: dexterous grasping, robot teleoperation

Jun. 2024 - Feb. 2025
Advisor: Prof. [Lin Shao](#)

Shanghai Jiao Tong University · Machine Vision and Intelligence Group
Research Intern
Research Topics: 2D self-supervised learning

Oct. 2022 - May 2024
Advisor: Prof. [Cewu Lu](#)

SELECTED HONORS

- ICRA 2025 Best Paper Award on Robot Manipulation and Locomotion
 - ICRA 2025 Best Paper Award Finalist
 - Best Paper Award, ICRA 2025 @ Human-Centric Multilateral Teleoperation
 - Zhiyuan Outstanding Scholarship (Top 30 Undergraduates at SJTU)
 - Shanghai Outstanding Graduate (Top 5% of Graduates at SJTU)
 - Best Robotics Paper Award, CoRL 2024 @ MAPoDeL
 - Outstanding Scholarship of Computer Science Alumni Fund (Top 5% in Major)
 - Huawei Scholarship (Top 5% in Major)
 - The Tung Foundation Scholarship (Top 5% in Major)
 - Zhiyuan Honors Scholarship (Top 10% Students at SJTU)

2025

2025

2025

2025

2025

2024

2024

2023

2022

2021 - 2024

MISCELLANEOUS

Language	Chinese (native), English (TOEFL 104), Japanese (amateur)
Academic Service	Conference Reviewer for ICRA 2025, IROS 2025, ICCV 2025 Journal Reviewer for JFR
Programming	Python, C/C++, L ^A T _E X, Linux, Git, HTML, CSS
Robots	xArm, UR, Franka, LeapHand