ZHENYU WEI

✉ Zhenyu_Wei@sjtu.edu.cn ⚫ zhenyuwei2003 ⌂ https://zhenyuwei2003.github.io/

EDUCATION

Shanghai Jiao Tong University (SJTU), China   Sep. 2021 - Jun. 2025 (expected)
B.E. in Computer Science (Zhiyuan Honors Program of Engineering)   **GPA:** 4.0/4.3 (92.1/100)

PUBLICATIONS

[4] **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*
Under Review

[3] **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*
Under Review

[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 Finalist)
CoRL 2024 @ MAPoDeL (Best Robotics Paper Award)
CoRL 2024 @ LFDM (Spotlight)

[1] **Auto-Pairing Positives through Implicit Relation Circulation for Discriminative Self-Learning**
Bo Pang, **Zhenyu Wei**, *Jingli Lin, Cewu Lu*
TPAMI 2025

RESEARCH EXPERIENCE

National University of Singapore · LinS Lab   Jun. 2024 - Feb. 2025
Research Assistant   Advisor: Prof. Lin Shao
Focused on dexterous grasping and robot teleoperation

Shanghai Jiao Tong University · Machine Vision and Intelligence Group   Oct. 2022 - May 2024
Research Intern   Advisor: Prof. Cewu Lu
Focused on self-supervised learning

AWARDS

- **IEEE ICRA 2025 Best Paper Award Finalist**   2025
- Shanghai Outstanding Graduate   2025
- **Best Robotics Paper Award**, CoRL 2024 @ MAPoDeL   2024
- Outstanding Scholarship of Computer Science Alumni Fund   2024
- Huawei Scholarship   2023
- The Tung Foundation Scholarship   2022
- Zhiyuan Honors Scholarship   2021 - 2024
- Merit Student & Merit Scholarship of Shanghai Jiao Tong University   2022 - 2024

MISCELLANEOUS

Language	Chinese (Native), English (TOEFL: 104), Japanese (amateur)
Academic Service	Reviewer for ICRA 2025, IROS 2025
Programming	Python, C/C++, HTML, CSS, Assembly Language, Verilog