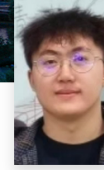
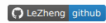


Computer Science, Robotics



Le Zheng | 郑乐



Le Zheng is currently a Master's student in the School of Computer Science and Technology at Sun Yat-sen University, where he is a member of the [Rapid Lab](#) under the supervision of Professor [Hui Cheng](#).

Previously, he completed his undergraduate studies at the College of Information Science and Engineering at Northeastern University. During his undergraduate years, he competed in the DJI RoboMaster University Championship ([RMUC](#)) in both the 2022 and 2023 seasons. In 2023, he served as the Algorithm Group Leader for the [T-DT Lab](#) team advised by Professor [Zhiguo Lu](#), [Chong Liu](#), winning the Global Runner-up.

Le Zheng is dedicated to advancing robotic intelligence and human-robot interaction, and he is **actively seeking a PhD position**.

Contact

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Education

M.E., Computer Science and Technology, [Sun Yat-sen University](#), 2024—2027.

B.E., Information Science and Engineering, [Northeastern University](#), 2020—2024.

Research Interests

Robotics, Diffusion Policy, Reinforcement Learning, Mobile Manipulation.

PUBLICATIONS

Submitted

Published

- Zixuan Zhuang*, **Le Zheng***, Wanyue Li, Renming Liu, Peng Lu, Hui Cheng. RM-Planner: Integrating Reinforcement Learning with Whole-Body Model Predictive Control for Mobile Manipulation. IEEE International Conference on Robotics & Automation (ICRA), 2025. [\[Paper\]](#) [\[Video\]](#)

We propose a mobile manipulation framework that integrates reinforcement learning with whole-body model predictive control for operation in unknown and complex environments.

AWARDS

- Outstanding Graduate Student Award in the 2024.
- Awarded Finalist (Top 3%) in the 2023 Interdisciplinary Contest in Modeling (ICM). [\[link\]](#)
- Awarded Global Runner-up (2nd Place, 2023) and First Prize (2022) in the DJI RoboMaster University Championship ([RMUC](#)) Global Finals. [\[link\]](#)