

QI WANG

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RESEARCH INTEREST

Embodied AI, LLM-based Agents, Robotics

EDUCATION

Xidian University

Sept. 2022 - Jun. 2025

Major: Master of Engineering in Software Engineering

Zhejiang University of Technology

Sept. 2018 - Jun. 2022

Major: Bachelor of Engineering in Communication Engineering

PUBLICATIONS

Qi Wang, Tianyi Wang, Chengyang Li, Shikun Ban, Yurun Chen, Yizhong Ge, Jason Qin, Chengtai Li, and Wentao Zhu (2026). Towards the Harness of Embodied Agents. (**Technical Report**)

Zhou Xu*, **Qi Wang***, Yuxiao Yang, Luyuan Zhang, Zhang Liang, Yang Li (2026). Target-Balanced Score Distillation. (Accepted to **AAAI 2026**)

Qi Wang, Zhou Xu, Yuming Lin, Jingtao Ye, Hongsheng Li, Guangming Zhu, Syed Afaq Ali Shah, Mohammed Bennamoun, Liang Zhang (2024). DailyDVS-200: A Comprehensive Benchmark Dataset for Event-Based Action Recognition. (Accepted to **ECCV 2024**)

PROJECT EXPERIENCE

Eastern Institute of Technology, Ningbo, HAI Lab

Dec. 2025 - Jul. 2026

Visiting Student

- **Description:** Designed and implemented an embodied AI harness where LLM agents interact with a real robot through tool calls, structured evaluation, and a retrieval-backed scene graph that converts physical observations into actionable context.

National University Students Smart Car Race - National First Prize

Mar. 2021 - Aug. 2021

Leader

Achievement: Secured 2nd Place (Runner-Up) among 180 Teams

- **Description:** Led an STM32- and Jetson Nano-based autonomous logistics vehicle system with wireless scheduling, obstacle avoidance, traffic-light recognition, and ROS path planning.

WORK EXPERIENCE

Algorithm Engineer

May. 2023 - Oct. 2023

China Institute of Marine Technology & Economy

Beijing, China

- **Description:** Led algorithm development aimed at enhancing human-machine interaction in ship operations using gesture-based control for multi-screen collaboration and component management.

AWARDS

Outstanding Graduate Student, 2023 - 2025 | Outstanding Graduate Student Leader, 2023 - 2025 (Top **5%**)

National First Prize, National University Students Smart Car Race, 2021

National First Prize, 2nd “Aerospace Cup” Mobile Robot AI Innovation Technology Challenge, 2021

SKILLS

Programming Languages: Python / C++ / C / Java / MATLAB

Tools: SOLIDWORKS / Altium Designer / ROS / STM32

Language Proficiency: IELTS 6.5