

Ziqian Guo

China Agricultural University

Mechanical Design, Manufacturing and Automation

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GitHub: github.com/qianxvde

Focus

Humanoid robot soccer, fall recovery, reinforcement learning, ROS2 strategy, and deployment.

Education

China Agricultural University, B.Eng., Sept. 2024 - Present, Beijing, China

Competition Experience

CAU RoboCup Humanoid Robot Team, Oct. 2025 - Present

Strategy, ROS2 integration, recovery policy deployment, hardware debugging.

Champion: RoboCup China Middle Group; RoboLeague Wuhan; Beijing monthly league.

Runner-up: RoboCup World Championship Incheon Large Group.

Open-source Projects

[my_mjlab \(github.com/qianxvde/my_mjlab\)](https://github.com/qianxvde/my_mjlab) - Humanoid fall recovery RL (loco_recovery) on MJLab/MuJoCo.

[my_hhtools \(github.com/qianxvde/my_hhtools\)](https://github.com/qianxvde/my_hhtools) - Humanoid motion retargeting and training-data conversion.

[my_wbc_fsm \(github.com/qianxvde/my_wbc_fsm\)](https://github.com/qianxvde/my_wbc_fsm) - Policy deployment FSM with safety checks.

Skills

Python, basic C++, Linux, Git, MuJoCo, MJLab, RSL-RL, ROS2, motion retargeting.