

Ning Gao

📍 Xi'an Jiaotong University ✉ gaoning@pjlab.org.cn ☎ 189 1079 0514 🌐 axi404.top 📱 Axi404

Education

BS **Xi'an Jiaotong University**, Artificial Intelligence Sept 2022 – Present
 • Rank: 4/64 after bonus score, GPA: 3.83/4.3.

Experience

Shanghai Artificial Intelligence Laboratory, Internship Aug 2024 – Present
Xi'an Jiaotong University, Internship Sept 2023 - June 2024

Publications

GenManip: A Simulation Platform for Generalizable TableTop Manipulation in the Era of MLLM June 2025
Ning Gao, Yilun Chen, Shuai Yang, Xinyi Chen, Yang Tian, Hao Li, Haifeng Huang, Hanqing Wang, Tai Wang, Jiangmiao Pang
Conference on Computer Vision and Pattern Recognition 2025 [🔗](#)
 Embodied manipulation benchmark based on Isaac Sim with automatic demonstration/layout generation and closed-loop test features. Served as a core developer and provided support for subsequent research at SHAILAB. To be released later.
PMT: Progressive Mean Teacher via Exploring Temporal Consistency for Semi-Supervised Medical Image Segmentation Nov 2024
Ning Gao, Sanping Zhou, Le Wang, Nanning Zheng
European Conference on Computer Vision 2024 [🔗](#)
 Proposed a semi-supervised learning framework for medical image segmentation using Mean Teachers to enhance model diversity and regularization. Achieved state-of-the-art results and demonstrated generalization across datasets.

Competition

RoboMaster University Championship National Finals Sept 2022 - Present
As Leader of Vision Group
 Developed vision programs for robot motion prediction and SLAM. Led Xi'an Jiaotong University's Duxing Team to a National First Prize.

Awards

Special Development Award, Xi'an Jiaotong University Megvii Scholarship Oct 2024
National First Prize ×2, RoboMaster University Championship National Finals Aug 2024
Special Development Award, Xi'an Jiaotong University Megvii Scholarship Oct 2023
National First Prize, RoboMaster University Championship National Finals Aug 2023
Miscs, National Third Prize ×1, Provincial First Prize ×6. Sept 2022 - Present

Miscellaneous

Reviewer: Served as a reviewer for ICLR 2025.
Technologies: Python, PyTorch, Isaac Sim, Linux, C++, OpenCV, ROS 1/2, Fastlio, Web, etc.
Owner of CS-BAOYAN: An active community for CS graduate admissions with approximately 8K members. Our repositories receive over 1K stars per year.
Co-founder of Lumina: An active community for Embodied-AI. Our repositories receive 4K stars with over 1K members.
Blog Maintainer: Covers [paper reviews](#) [🔗](#), [Isaac Sim tutorials](#) [🔗](#), etc.
Projects & Info-Sharing Initiatives: Covers [Embodied-AI-Guide](#) [🔗](#), [SurviveXJTU](#) [🔗](#), [AI Self-Learning Guide](#) [🔗](#), etc.