

JiBao Yuan

Email: 2849633943@qq.com | **Phone:** +86 14750809571 | **Homepage:** hana0721.top

Education

South China Normal University, Bachelor, GPA: 3.90/5.00 (5/97)	2021 – 2025
National University of Defense Technology, Master, GPA: 0.0/0.0 (0/0)	2025 – 2028

Research Interests

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- **Embodied AI:** Concentrating on Robotic Manipulation, exploring how agents perceive complex physical environments and perform precise interaction tasks.
 - **Multi-Agent System:** Specializing in Multi-Agent Reinforcement Learning (MARL), specifically investigating Value Decomposition methods and Policy-based approaches for agent coordination.
 - **Multimodal:** Broad experience in Computer Vision (CV) and Natural Language Processing (NLP), with a primary focus on Vision-Language Models (VLMs) and Multimodal Large Language Models (MLLMs) for cross-modal reasoning and generation.

Publications

None

Research Projects

None

Professional Experience

None

Awards and Honours

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- **National Third Prize**, Huawei ICT Competition.
 - **National Third Prize**×2, China Collegiate Computing Contest (CCCC) - Group Programming Ladder Tournament.
 - **National Second Prize**, Lanqiao Cup National Software and IT Professional Talent Competition (Software Design, Undergraduate Group A).
 - **Honorable Mention**×3, American Collegiate Mathematical Contest in Modelling.
 - **Second-Class**, National University of Defense Technology Qidian Scholarship.
 - **Second-Class**×3, **Third-Class**×1, SCNU Comprehensive Scholarship.

Skills

Languages: Chinese Mandarin (Native), English (Fluent, CET-4: 489, CET-6: 423)

Programming: Python, C/C++, etc. | **Tools:** LaTeX, Git, Linux, Cursor, PyTorch, etc.

Deep Learning: ResNet, UNet, YOLO, SAM, Transformer, Diffusion, VIT, CLIP, VAE, BERT, etc.

Reinforcement Learning: DQN, DDPG, TRPO, PPO, SAC, QMIX, MAPPO, HAPPO, MAT, etc.