

# JiBao Yuan

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## 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

- **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

- **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.