Jingyi Yang (杨靖懿)

📞 WeChat 13082309660   ✉ yangjingyi@mail.ustc.edu.cn | yangjingyi946@gmail.com   🏠 https://yjyddq.github.io

🎓 Education

PhD. Student: Fudan University **Major:** Computer Science		2025 – Now
M.S. Student (Recommended for Admission): University of Science and Technology of China		2022 – 2025
Major: Information and Communication Engineering **Rank:** 4/247(1.5%) **GPA:** 3.96/4.3 transcript		
B.S. Degree: Dalian Maritime University (211) **English Level:** CET6		2018 – 2022
Major: Electronic Information Science and Technology **Rank:** 1/86(1%) **GPA:** 4.39/5.0 transcript		

🖤 Research Interests

Machine Learning, Computer Vision, Deep Learning, AI Agent, Reinforcement Learning, Generative Models

💼 Research Topic & Publications (‡ Project Leader)

Diffusion Large Language Model & Reinforcement Learning

- Github DARE: dLLM Ailgnment and Reinforcement Executor — *an efficient rl training framework for diffusion large language models integrated various dLLM-tailored rl algorithms* **Jingyi Yang**‡, Yuxian Jiang, Xuhao Hu, Jing Shao

- ArXiv Taming Masked Diffusion Language Models via Consistency Trajectory Reinforcement Learning with Fewer Decoding Step **Jingyi Yang**, Guanxu Chen, Xuhao Hu, Jing Shao

Large Reasoning Model & Reinforcement Learning

- ArXiv Conditional Advantage Estimation for Reinforcement Learning in Large Reasoning Models Guanxu Chen, Yafu Li, Yuxian Jiang, Chen Qian, Qihan Ren, **Jingyi Yang**, Yu Cheng, Dongrui Liu, Jing Shao

Benchmarking the Risk of Computer-Use & Self-Evolving Agent

- NeurIPS 2025 RiOSWorld: Benchmarking the Risk of Multimodal Computer-Use Agents **Jingyi Yang**‡, Shuai Shao, Dongrui Liu, Jing Shao
- ArXiv Your Agent May Misevolve: Emergent Risks in Self-evolving LLM Agents Shuai Shao, Qihan Ren, Chen Qian, Boyi Wei, Dadi Guo, **Jingyi Yang**, Xinhao Song, Linfeng Zhang, Weinan Zhang, Dongrui Liu, Jing Shao

Multi-Modality & Domain Generalization for Face Anti-Spoofing

- ECAI 2024 (CCF-B Oral)   Generalized Face Anti-spoofing via Finer Domain Partition and Disentangling Liveness-irrelevant Factors **Jingyi Yang**, Zitong Yu, Xiuming Ni, Jia He, Hui Li
- ICCV 2025 DADM: Dual Alignment of Domain Modality for Face Anti-Spoofing **Jingyi Yang**, Xun Lin, Hui Li, Zitong Yu

Video Understanding/Action Recognition

- ICLR 2025 Kronecker Mask and Interpretive Prompts are Language-Action Video Learners **Jingyi Yang**, Zitong Yu, Xiuming Ni, Jia He, Hui Li

Video-Based Face Anti-Spoofing

- IEEE TIFS (CCF-A) G^2V^2former: Graph Guided Video Vision Transformer for Face Anti-Spoofing **Jingyi Yang**, Zitong Yu, Xiuming Ni, Jia He, Hui Li

🔧 Project & Internship Experience

Contactless Palm Recognition (Enterprise, Anhui tsinglink, Hefei, China)	2023.01 – 2023.05
Great Bay University YUV Group research assistant (Lead by Zitong Yu)	2024.04 – 2024.12
Shanghai AI Lab Internship (Lead by Jing Shao)	2024.12 – now

⚙ Professional Skills

- Python/C++ (Python≫C++), PyTorch/TensorFlow (PyTorch>TensorFlow)

- Familiar with transformers, generative models and reinforcement learning

- Highly self-motivated, strong interest-driven, ability of independent learning, thinking, and problem-solving

💼 Honors and Awards

Excellent Student Scholarship - First Prize (2%) twice, Third Prize (10%) once	2020,2021,2022
Outstanding Graduates of Dalian City	2022
Competition Specific Scholarship	2021
The Mathematical Contest in Modeling (MCM)/Interdisciplinary Contest in Modeling (ICM) Honorable Mention	2021
The 11th National College Student Mathematics Competition Liaoning Province - Third Prize	2019
The 28th Dalian College Student Mathematics Competition - First Prize	2019

💼 Academic Services

- IEEE International Joint Conference on Biometrics (IJCB) Multimodal Human Behavior Understanding & Generation 2024 Reviewer

- International Conference on Learning Representations 2025 Reviewer

- International Conference on Learning Representations 2026 Reviewer