Jingyi Yang

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Education

M.S. Student (Recommanded for Admission): University of Science and Technology of China 2022 – now
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

- Vision-Language Models, Multi-modality Learning
- Video Understanding/Generation, Generative Models
- Multimedia Security

Research/Publications

Face Anti-Spoofing (FAS)

Conference Paper (First Author): Jingyi Yang, Zitong Yu, Xiuming Ni, Jia He, Hui Li. Generalized Face Anti-spoofing via Finer Domain Partition and Disentangling Liveness-irrelevant Factors (ECAI CCF-B) 2024

Video-Based Face Anti-Spoofing

(UnderReview) Conference Paper (First Author): Jingyi Yang, Zitong Yu, Xiuming Ni, Jia He, Hui Li. G^2V^2former: Graph Guided Video Vision Transformer for Face Anti-Spoofing

Video Understanding/Action Recognition

(UnderReview) Conference Paper (First Author): Jingyi Yang, Zitong Yu, Xiuming Ni, Jia He, Hui Li. Kronecker Mask and Interpretive Prompts are Language-Action Video Learners

Project Experience

Contactless Palm Recognition for Subway and Other Application Scenarios (Enterprise, Anhui tsinglink) 2023 – 2024

Professional Skills

- Python/C++ (Python≫C++), PyTorch/TensorFlow (PyTorch>TensorFlow)
- Strong skills in reading and writing academic English literature
- Familiar with Transformers and generative models (GANs, VAEs, Diffusion/Latent Diffusion Models)
- Research background in visual-text multimodal learning, video understanding/action recognition, text-to-image, and text-to-video generation. Familiar with NeRFs (NeRF, TensoRF) and knowledgeable in 3D-GS
- 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
MCM/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