



# Jingyi Yang



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## Education

**M.S. Student (Recommended 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

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

## Research/Publications

### Domain Generalized Face Anti-Spoofing (FAS)

(ECAI24 CCF-B Oral) 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

### Video Understanding/Action Recognition

(ICLR25 UnderReview pre-rebuttal score: 8665) Conference Paper (First Author): Jingyi Yang, Zitong Yu, Xiuming Ni, Jia He, Hui Li. Kronecker Mask and Interpretive Prompts are Language-Action Video Learners

### Video-Based Face Anti-Spoofing

(AAAI25 UnderReview) Conference Paper (First Author): Jingyi Yang, Zitong Yu, Xiuming Ni, Jia He, Hui Li.  $G^2V^2$ former: Graph Guided Video Vision Transformer for Face Anti-Spoofing

### Multi-Modality & Domain Generalization for Face Anti-Spoofing

(CVPR25 UnderReview) Conference Paper (First Author): Jingyi Yang, Xun Lin, Hui Li, Zitong Yu. Domain Generalization via Fusion and Alignment for Multi-Modal Face Anti-Spoofing

## Project/Internship Experience

Contactless Palm Recognition for Subway and Other Application Scenarios (Enterprise, Anhui tsinglink)    2023 – 2024  
YUV Group research assistant (Leader Zitong Yu-HomePage Great Bay University)    2024.04 –

## 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, TensorRF) 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
- International Conference on Learning Representations 2025 Reviewer