

YUHAO WANG

✉ 924973292@mail.dlut.edu.cn · ☎ (+86) 180-1893-0609 · 🌐 YHY · 🏠 Homepage

🎓 EDUCATION

- **Dalian University of Technology · School of Future Technology** Bachelor of Engineering
Artificial Intelligence · Undergraduate Grades: **1/94 (TOP 1%)** 2020.09 – 2024.06
- **Dalian University of Technology · School Computer Science and Technology** Master of Engineering
Artificial Intelligence · Research Direction: **Multi-modal Object ReID** 2024.09 – Current

🏆 COMPETITIONS AND HONORS

- **Outstanding Academic Paper, Chinese Society of Optical Engineering** Sep. 2024
- Outstanding Academic Paper, Liaoning Annual Conference Sep. 2024
- Outstanding Graduate of Liaoning Province Jun. 2024
- Outstanding Undergraduate Thesis of Dalian University of Technology Jun. 2024
- **6th Place, CVPR 2023 Workshop Smart City Challenge** Apr. 2023
- First Prize, National College Student Mathematical Modeling Competition (Team Leader) Feb. 2022

🏢 PROFESSIONAL EXPERIENCE

- National Centre for Computer Animation (NCCA)**, Bournemouth, UK Oct. 2023
- *Recommended for Academic Presentations: Rethinkng Object ReID*
 - *A brief introduction to the fundamental concepts of object ReID, overview of the work done in the past year, and prospects for the future.*

🎓 SCHOLARSHIPS

- **National Scholarship for Outstanding Recommended Graduate Students** Sep. 2024
- **National Encouragement Scholarship** Dec. 2023, 2022
- **National Scholarship** Dec. 2021
- Outstanding Academic Performance Scholarship Dec. 2023, 2022, 2021
- Science and Technology Innovation Scholarship Dec. 2022

🔬 RESEARCH

Published Papers

- **Unity is Strength: Unifying Convolutional and Transformer Features for Person ReID** TITS-2025
Yuhao Wang, Xuehu Liu, Pingping Zhang*, Zhengzheng Tu, Huchuan Lu. 📄 Paper 🔄 Code
- **DeMo: Decoupled Feature-Based Mixture of Experts for Multi-Modal Object ReID** AAAI-2025
Yuhao Wang, Yang Liu, Aihua Zheng, Pingping Zhang*. 📄 Paper 🔄 Code
- **MambaPro: Multi-Modal Object ReID with Synergistic Prompt and Mamba Aggregation** AAAI-2025
Yuhao Wang, Xuehu Liu, Tianyu Yan, Yang Liu, Pingping Zhang*, Huchuan Lu. 📄 Paper 🔄 Code
- **CLIMB-ReID: A Hybrid CLIP-Mamba Framework for Person ReID** AAAI-2025
Chenyang Yu, Xuehu Liu, Jiawen Zhu, Yuhao Wang, Pingping Zhang*, Huchuan Lu. 📄 Paper 🔄 Code
- **Sigma: Siamese Mamba Network for Multi-Modal Semantic Segmentation** WACV-2025
Zifu Wan, Pingping Zhang, Yuhao Wang, Silong Yong, et al. 📄 Paper 🔄 Code
- **Magic Tokens: Select Diverse Tokens for Multi-modal Object ReID** CVPR-2024
Pingping Zhang*, Yuhao Wang, Yang Liu, Zhengzheng Tu, Huchuan Lu. 📄 Paper 🔄 Code
- **TOP-ReID: Multi-spectral Object ReID with Token Permutation** AAAI-2024
Yuhao Wang, Xuehu Liu, Pingping Zhang*, Hu Lu, Zhengzheng Tu, Huchuan Lu. 📄 Paper 🔄 Code

Under Review

- **IDEA: Inverted Text with Cooperative Deformable Aggregation for Multi-modal Object ReID**
Yuhao Wang, Yongfeng Lv, Pingping Zhang, Huchuan Lu. XXXX-2025
- **SD-ReID: View-aware Stable Diffusion for Aerial-Ground Person ReID**
Xiang Hu, Yuhao Wang, Bin Yan, Pingping Zhang, Huchuan Lu. XXXX-2025
- **LATex: Leveraging Attribute-based Text Knowledge for Aerial-Ground Person ReID**
Xiang Hu, Yuhao Wang, Ruijuan Zhang, Pingping Zhang, Huchuan Lu. XXXX-2025
- **HPF-SAM: Hierarchical Frequency Prompt SAM for Marine Animal Segmentation**
Tianyu Yan, Yuhao Wang, Yang Liu, Pingping Zhang*, Huchuan Lu. XXXX-2025