

EDUCATION

Tsinghua University

Ph.D. student in Computer Vision

– Advisors: Prof. Jiwen Lu and Prof. Jianjiang Feng

Beijing, China

2017 - present

Sun Yat-Sen University

B.S. in Computer Science, GPA: 4.0/4.0, Top 1/118

Guangzhou, China

2013 - 2017

ACADEMIC EXPERIENCE

- **Horizon Robotics** Jul 2019 - Aug 2019
Research intern
- **Huawei Noah Ark's Lab** Oct 2018 - Jun 2019
Research intern advised by Dr. Lingxi Xie and Dr. Qi Tian
- **iSEE Lab, Sun Yat-Sen University** Mar 2016 - Jul 2017
Research assistant advised by Prof. Wei-Shi Zheng

PUBLICATIONS

1. Bingyao Yu, **Wanhua Li**, Xiu Li, Jiwen Lu, and Jie Zhou
Frequency-Aware Spatiotemporal Transformers for Video Inpainting Detection
IEEE International Conference on Computer Vision (ICCV), 2021
2. **Wanhua Li**, Jiwen Lu, Abudukelimu Wuerkaixi, Jianjiang Feng, and Jie Zhou
Reasoning Graph Networks for Kinship Verification: from Star-shaped to Hierarchical
IEEE Transactions on Image Processing (TIP), 2021
3. **Wanhua Li**, Xiaoke Huang, Jiwen Lu, Jianjiang Feng, and Jie Zhou
Learning Probabilistic Ordinal Embeddings for Uncertainty-Aware Regression
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2021
4. **Wanhua Li**, Shiwei Wang, Jiwen Lu, Jianjiang Feng, and Jie Zhou
Meta-Mining Discriminative Samples for Kinship Verification
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2021
5. Shuai Shen, **Wanhua Li**, Zheng Zhu, Guan Huang, Dalong Du, Jiwen Lu, and Jie Zhou
Structure-Aware Face Clustering on a Large-Scale Graph with 10^7 Nodes
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2021
6. **Wanhua Li**, Yueqi Duan, Jiwen Lu, Jianjiang Feng, and Jie Zhou
Graph-Based Social Relation Reasoning
European Conference on Computer Vision (ECCV), 2020
7. **Wanhua Li**, Jiwen Lu, Jianjiang Feng, Chunjing Xu, Jie Zhou and Qi Tian
BridgeNet: A Continuity-Aware Probabilistic Network for Age Estimation
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2019
8. **Wanhua Li**, Yingqiang Zhang, Kangchen Lv, Jiwen Lu, Jianjiang Feng, and Jie Zhou
Graph-Based Kinship Reasoning Network
IEEE International Conference on Multimedia and Expo (ICME), 2020

9. Benchao Li, **Wanhua Li**, Yongyi Tang, Jian-Fang Hu, and Wei-Shi Zheng
GL-PAM RGB-D Gesture Recognition
IEEE International Conference on Image Processing (ICIP), 2018

TALKS

- **Graph-Based Kinship Reasoning Network** July 2020
ICME'2020 Oral Presentation
- **BridgeNet: A Continuity-Aware Probabilistic Network for Age Estimation** March 2019
Invited Presentation at 2019 Beijing University Academic Forum on Artificial Intelligence

SCHOLARSHIPS AND AWARDS

- 2nd Place in ChaLearn LAP Large-scale Isolated Gesture Recognition Challenge @ICCV 2017. 2017
- Outstanding Undergraduate Thesis, Sun Yat-Sen University 2017
- Outstanding Graduate of Sun Yat-Sen University 2017
- National Scholarship, Sun Yat-Sen University 2015
- National Scholarship, Sun Yat-Sen University 2014

ACADEMIC SERVICES

Journal Reviewer

- IEEE Transactions on Image Processing
- IEEE Transactions on Circuits and Systems for Video Technology
- IEEE Transactions on Biometrics, Behavior, and Identity Science
- Pattern Recognition
- Neural Networks
- Neurocomputing
- Pattern Recognition Letters
- Journal of Visual Communication and Image Representation

Conference Reviewer

- International Conference on Computer Vision (ICCV 2021)
- AAAI Conference on Artificial Intelligence (AAAI 2022)
- IEEE International Conference on Multimedia and Expo (ICME 2019-2021)
- IEEE International Conference on Image Processing (ICIP 2018-2021)
- International Conference on Pattern Recognition (ICPR 2018-2020)