

## EDUCATION

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### 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

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- **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

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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

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- **Learning Probabilistic Ordinal Embeddings for Uncertainty-Aware Regression** April 2021  
*Invited Presentation at 2021 Beijing University Academic Forum on Artificial Intelligence*
- **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

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- 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

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### 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/CVF Conference on Computer Vision and Pattern Recognition (CVPR 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)