

# WENHAO LI

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✧ 🏠 [Homepage](#)   ✧  [Google Scholar](#)   ✧  [GitHub](#)

## EDUCATION

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<b>Final Year Ph.D. Student in Computer Science</b> Peking University, China, Advisor: Prof. Hong Liu	2019.09 - 2024.06
<b>Bachelor of Engineering in Electrical Engineering and Automation</b> Ningbo University, China, Rank: 1/63	2015.09 - 2019.06
<b>Visiting Ph.D. Student</b> University of Trento, Italy, Advisor: Prof. Nicu Sebe	2023.07 - 2024.03

## RESEARCH INTEREST

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**Computer Vision and Deep Learning**  
3D Human Pose Estimation (3D HPE); Human Mesh Recovery (HMR)

## PUBLICATIONS

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1. **Wenhao Li**, Mengyuan Liu, Hong Liu, Pichao Wang, Jialun Cai, Nicu Sebe. Hourglass Tokenizer for Efficient Transformer-Based 3D Human Pose Estimation. *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2024.
2. **Wenhao Li**, Hong Liu, Hao Tang, Pichao Wang, Luc Van Gool. MHFormer: Multi-Hypothesis Transformer for 3D Human Pose Estimation. *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2022. (**190+ citations and 480+ stars**)
3. **Wenhao Li**, Hong Liu, Runwei Ding, Mengyuan Liu, Pichao Wang, Wenming Yang. Exploiting Temporal Contexts with Strided Transformer for 3D Human Pose Estimation. *IEEE Transactions on Multimedia (TMM)*, 2022. (**170+ citations and 320+ stars**)
4. **Wenhao Li**, Hong Liu, Hao Tang, Pichao Wang. Multi-Hypothesis Representation Learning for Transformer-Based 3D Human Pose Estimation. *Pattern Recognition (PR)*, 2023.
5. Yingxuan You, Hong Liu, Ti Wang, **Wenhao Li**, Runwei Ding, Xia Li. Co-Evolution of Pose and Mesh for 3D Human Body Estimation from Video. *IEEE International Conference on Computer Vision (ICCV)*, 2023.
6. Guoliang Hua, Hong Liu, **Wenhao Li**, Qian Zhang, Runwei Ding, Xin Xu. Weakly-supervised 3D Human Pose Estimation with Cross-view U-shaped Graph Convolutional Network. *IEEE Transactions on Multimedia (TMM)*, 2022.
7. Tao Wang, Mengyuan Liu, Hong Liu, **Wenhao Li**, Miaoju Ban, Tuanyu Guo, Yidi Li. Style-Agnostic Representation Learning for Visible-Infrared Person Re-identification. *IEEE Transactions on Multimedia (TMM)*, 2024.
8. Jianbing Wu, Hong Liu, Wei Shi, Mengyuan Liu, **Wenhao Li**. Style-Agnostic Representation Learning for Visible-Infrared Person Re-identification. *IEEE Transactions on Multimedia (TMM)*, 2023.
9. Tianyu Guo, Mengyuan Liu, Hong Liu, Guoquan Wang, **Wenhao Li**. Improving Self-Supervised Action Recognition from Extremely Augmented Skeleton Sequences. *Pattern Recognition (PR)*, 2024.

10. Jialun Cai, Hong Liu, Runwei Ding, **Wenhao Li**, Jianbing Wu, Miaoju Ban. HTNet: Human Topology Aware Network for 3D Human Pose Estimation. *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2023.
11. Yingxuan You, Hong Liu, Xia Li, **Wenhao Li**, Ti Wang, Runwei Ding. GATOR: Graph-Aware Transformer with Motion-Disentangled Regression for Human Mesh Recovery from a 2D Pose. *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2023.
12. Ti Wang, Hong Liu, Runwei Ding, **Wenhao Li**, Yingxuan You, Xia Li. Interweaved Graph and Attention Network for 3D Human Pose Estimation. *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2023.

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## OPEN SOURCE

Codes and models for my published papers are available on [my GitHub](#):

- <https://github.com/Vegetebird/MHFormer> (CVPR 2022, **480+ stars**)
- <https://github.com/Vegetebird/StridedTransformer-Pose3D> (TMM 2022, **320+ stars**)

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## REVIEW SERVICES

- Conference: CVPR, ICCV, ECCV, ICLR, NeurIPS, IJCAI
- Journal: TIP, TMM, TCSVT

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## AWARDS & HONORS

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|---|------|
| – National Scholarship ( <b>Top 2%</b> )  | 2022 |
| – Merit Student Pacesetter of PKU ( <b>Top 3%</b> )                                   | 2022 |
| – Outstanding Graduates of Zhejiang ( <b>Top 1%</b> )                                 | 2019 |
| – Outstanding Undergraduate Thesis Award ( <b>TOP 5%</b> )                            | 2019 |
| – President Scholarship ( <b>Top 10, highest school honor</b> )                       | 2018 |
| – National Scholarship ( <b>Top 1%</b> )  | 2017 |
| – National Scholarship ( <b>Top 1%</b> )  | 2016 |
| – <b>Meritorious Winner</b> in Mathematical Contest in Modeling (MCM)                 | 2018 |
| – <b>First Prize</b> in National Undergraduate Electronic Design Contest              | 2017 |
| – <b>First Prize</b> in China Undergraduate Mathematics Competition (CMC)             | 2016 |
| – <b>Second Prize</b> in China Undergraduate Mathematical Contest in Modeling (CUMCM) | 2017 |
| – <b>Second Prize</b> in China Undergraduate Mathematical Contest in Modeling (CUMCM) | 2016 |
| – <b>First Place</b> in Zhejiang Undergraduate Electronic Design Contest              | 2018 |
| – <b>First Place</b> in Zhejiang Undergraduate Robot Contest                          | 2017 |
| – <b>First Prize</b> in Zhejiang Undergraduate Advanced Mathematics Competition       | 2016 |
| – <b>First Prize</b> in Zhejiang Undergraduate Physics Contest                        | 2016 |

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## TECHNICAL SKILLS

<b>Computer Languages</b>	Python, MATLAB, C/C++
<b>Software &amp; Tools</b>	PyTorch, LaTeX