WENHAO LI

School of Computer Science, Peking University
◇ Email: wenhaoli@pku.edu.cn ◇ Homepage: https://vegetebird.github.io/
◇ Phone: +86 15919445058 ◇ Birth: 1996, Zhejiang

RESEARCH INTEREST

Computer Vision and Deep Learning
3D Human Pose and Shape Estimation in images/videos

EDUCATION

Fourth-Year Ph.D. Student in Computer Science 2019 - Present
Peking University, China, Advisor: Prof. Hong Liu

Bachelor of Engineering in Electrical Engineering and Automation 2015 - 2019
Ningbo University, China, Rank: 1/63

PUBLICATIONS

1. **Wenhao Li**, Hong Liu, Hao Tang, and Pichao Wang. Multi-Hypothesis Representation Learning for Transformer-Based 3D Human Pose Estimation. Pattern Recognition (**PR**), 2023.

2. **Wenhao Li**, Hong Liu, Hao Tang, Pichao Wang, and Luc Van Gool. MHFormer: Multi-Hypothesis Transformer for 3D Human Pose Estimation. IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2022: 13147-13156.

3. **Wenhao Li**, Hong Liu, Runwei Ding, Mengyuan Liu, Pichao Wang, and Wenming Yang. Exploiting Temporal Contexts with Strided Transformer for 3D Human Pose Estimation. IEEE Transactions on Multimedia (**TMM**), 2022.

4. Guoliang Hua*, Hong Liu, **Wenhao Li***, Qian Zhang, Runwei Ding, and Xin Xu. Weakly-supervised 3D Human Pose Estimation with Cross-view U-shaped Graph Convolutional Network. IEEE Transactions on Multimedia (**TMM**), 2022.

5. Jialun Cai, Hong Liu, Runwei Ding, **Wenhao Li**, Jianbing Wu, and Miaoju Ban. HTNet: Human Topology Aware Network for 3D Human Pose Estimation. IEEE Conference on Acoustics, Speech, and Signal Processing (**ICASSP**), 2023.

6. Yingxuan You, Hong Liu, Xia Li, **Wenhao Li**, Ti Wang, and Runwei Ding. GATOR: Graph-Aware Transformer with Motion-Disentangled Regression for Human Mesh Recovery from a 2D Pose. IEEE Conference on Acoustics, Speech, and Signal Processing (**ICASSP**), 2023.

7. Ti Wang, Hong Liu, Runwei Ding, **Wenhao Li**, Yingxuan You, and Xia Li. Interweaved Graph and Attention Network for 3D Human Pose Estimation. IEEE Conference on Acoustics, Speech, and Signal Processing (**ICASSP**), 2023.

OPEN SOURCE

Codes and models for my published papers are available on my GitHub:

- https://github.com/Vegetebird/MHFormer (**380+ stars**)
- https://github.com/Vegetebird/StridedTransformer-Pose3D (**280+ stars**)

REVIEW SERVICES

- IEEE Conference on Computer Vision and Pattern Recognition (CVPR)
- IEEE International Conference on Computer Vision (ICCV)
- Conference on Neural Information Processing Systems (NeurIPS)
- IEEE Transactions on Image Processing (TIP)
- IEEE Transactions on Multimedia (TMM)
- IEEE Transactions on Circuits and Systems for Video Technology (TCSVT)

AWARDS & HONORS

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

TECHNICAL SKILLS

Computer Languages	Python, MATLAB, C/C++
Software & Tools	PyTorch, LaTeX

李文豪

北京大学，计算机学院

wenhaoli@pku.edu.com https://vegetebird.github.io/

+86 15919445058 1996，浙江

研究方向

深度学习、计算机视觉、基于图像或视频的三维人体姿态与形态估计

教育背景

北京大学 2019 – 至今

博士研究生四年级在读 计算机应用技术，导师：刘宏教授

宁波大学 2015 – 2019

学士 自动化（阳明创新班），排名: 1/63

论文发表

1. **Wenhao Li**, Hong Liu, Hao Tang, and Pichao Wang. Multi-Hypothesis Representation Learning for Transformer-Based 3D Human Pose Estimation. Pattern Recognition (**PR**), 2023.

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开源代码

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- https://github.com/Vegetebird/StridedTransformer-Pose3D (**280+ stars**)

审稿人

- IEEE Conference on Computer Vision and Pattern Recognition (CVPR)
- IEEE International Conference on Computer Vision (ICCV)
- Conference on Neural Information Processing Systems (NeurIPS)
- IEEE Transactions on Image Processing (TIP)
- IEEE Transactions on Multimedia (TMM)
- IEEE Transactions on Circuits and Systems for Video Technology (TCSVT)

奖项与荣誉

- 国家奖学金（*2%*） 2022
- 北京大学三好学生标兵（*3%*） 2022
- 浙江省优秀毕业生（*1%*） 2019
- 优秀本科论文奖（*5%*） 2019
- 校长奖学金（*10 人, 学校最高荣誉*） 2018
- 国家奖学金（*1%*） 2017
- 国家奖学金（*1%*） 2016
- 美国大学生数学建模竞赛国际一等奖 2018
- 全国大学生电子设计竞赛国家一等奖 2017
- 全国大学生数学竞赛国家一等奖 2016
- 全国大学生数学建模竞赛国家二等奖 2017
- 全国大学生数学建模竞赛国家二等奖 2016
- 浙江省大学生电子设计竞赛一等奖 2018
- 浙江省大学生机器人竞赛一等奖 (冠军) 2017
- 浙江省大学生高等数学竞赛一等奖 2016
- 浙江省大学生物理创新竞赛一等奖 2016

技能

编程语言 Python, MATLAB, C/C++
软件工具 PyTorch, LaTeX