# 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, 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.

2. **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.

3. 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.

4. 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.

5. 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.

6. 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 (**370+ stars**)
– https://github.com/Vegetebird/StridedTransformer-Pose3D (**270+ 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 |