

# TI WANG

 <https://github.com/xiu-cs>  <https://xiu-cs.github.io>  
 +86 150-1791-8923  [wangti@stu.pku.edu.cn](mailto:wangti@stu.pku.edu.cn)  Google Scholar

## ★ RESEARCH INTEREST

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- Computer Vision and Deep Learning.
- Digital Humans, 3D Human Pose and Mesh Estimation.

## EDUCATION

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<b>University of Trento (UniTn)</b>	Italy
Visiting student of MHUG, Advisor: Prof. <a href="#">Nicu Sebe</a>	2023.07 – 2023.09
<b>Peking University (PKU)</b>	China
Third-Year Master Student in Computer Science. Advisor: Prof. <a href="#">Hong Liu</a>	2021.09 – 2024.06
Research Topics: 3D Human Pose and Shape Estimation, Action Recognition.	GPA: 3.75 / 4.0
<b>Nanjing University of Science and Technology (NJUST)</b>	China
Bachelor of Computer Science. GPA: 3.73 / 4.0 (Top 3%)	2017.09 – 2021.06

## PUBLICATION

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- **Interweaved Graph and Attention Network for 3D Human Pose Estimation**  
[Ti Wang](#), Hong Liu, Runwei Ding, Wenhao Li, Yingxuan You, Xia Li.  
*IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, 2023.
- **Co-Evolution of Pose and Mesh for 3D Human Body Estimation from Video**  
Yingxuan You, Hong Liu, [Ti Wang](#), Wenhao Li, Runwei Ding, Xia Li.  
*IEEE International Conference on Computer Vision (ICCV)*, 2023.  [Project Page](#)
- **GATOR: Graph-Aware Transformer with Motion-Disentangled Regression for Human Mesh Recovery from a 2D Pose**  
Yingxuan You, Hong Liu, Xia Li, Wenhao Li, [Ti Wang](#), Runwei Ding.  
*IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, 2023.
- **Self-Supervised 3D Skeleton Representation Learning with Active Sampling and Adaptive Relabeling for Action Recognition**  
Guoquan Wang, Hong Liu, Tianyu Guo, Jingwen Guo, [Ti Wang](#), Yidi Li.  
*IEEE International Conference on Image Processing (ICIP)*, 2023.
- **Object goal visual navigation using Semantic Spatial Relationships**  
Jingwen Guo, Zhisheng Lu, [Ti Wang](#), Weibo Huang, and Hong Liu.  
*CAAI International Conference on Artificial Intelligence (CICAI)*, 2021.

## INVENTION PATENT

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- **A 3D Human Pose Estimation Method Based on Interweaved Graph and Attention Network.**  
Hong Liu, [Ti Wang](#), Wenhao Li, Yingxuan You, Runwei Ding.

*Invention patent*, Published Application Number: CN116129051A, 2023.

## COMPETITION

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- **The Finalist Award** in Mathematical Contest in Modeling. 2020
- **First Prize** in Mathematics China Mathematical Modeling Network Challenge of Certification Cup. 2020
- **First Prize** in China Undergraduate Mathematical Contest in Modeling, Jiangsu Division. 2019
- **First Prize** in Advanced Mathematics Competition of Jiangsu Province. 2018

## AWARDS AND HONORS

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- The Academic Excellence Award, *Peking University* 2022
- Outstanding Graduate, *NJUST* 2021
- The Dean's Medal of the Computer Science Department, *NJUST* 2021
- The First Prize Scholarship, *NJUST* (**Top 5%**) 2019-2021
- The Special Prize Scholarship, *NJUST* (**Top 1%**) 2018
- Excellent Student Cadres, *Beihang University* (**Top 1%**) 2018, 2020
- The Excellent Athlete, *NJUST* 2019
- The Merit Student, *NJUST* 2017-2020

## SKILLS

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- **Programming:** Python, Pytorch, C/C++, MATLAB,  $\text{\LaTeX}$ .
- **Language:** Mandarin (Native), English.
- **Operating System:** Windows, Linux.
- **Hobbies:** Running, Half Marathon, Hiking, Swimming.

## OPEN SOURCE

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Codes for my published papers are available here:

- (ICASSP 2023) IGANet: <https://github.com/xiu-cs/IGANet>
- (ICCV 2023) PMCE: <https://github.com/kasvii/PMCE>
- (ICASSP 2023) GATOR: <https://github.com/kasvii/GATOR>