

# 张金禄 (Jinlu Zhang)



🔍 **Research:** 数字人, 具身人形交互, 三维视觉世界模型

(Virtual Human, Embodied Humanoid, 3D-aware World Model)

🏠 **Homepage:** <https://jinluzhang.site> 📞 **Phone:** +8618810606787

✉️ **Mail:** [jinluzhang@stu.pku.edu.cn](mailto:jinluzhang@stu.pku.edu.cn)/[jinluzhang1126@gmail.com](mailto:jinluzhang1126@gmail.com)

## 教育经历 (EDUCATION)

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- 2023.09-Now      北京大学 博士 计算机应用技术  
*Peking University, Ph.D. Candidate of Computer Applied Technology*  
*Advisor: Prof. Yizhou Wang*
- 2020.09-2023.06      武汉大学 硕士 计算机应用技术  
*Wuhan University, Master of Computer Applied Technology*  
*Advisor: Prof. Zhigang Tu, Prof. Junsong Yuan*
- 2016.09-2020.06      山东大学 本科 计算机科学与技术  
*Shandong University, Bachelor of Computer Science and Technology*

## 论文 (SELECTED PUBLICATIONS)

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\* equal contribution, # corresponding author

- [1] OpenDance: Multimodal Controllable 3D Dance Generation Using Large-scale Internet Data  
**Jinlu Zhang**, Zixi Kang\*, Libin Liu, Jianlong Chang, Qi Tian, Feng Gao#, Yizhou Wang#  
**CVPR 2026 Oral** (IEEE Conference on Computer Vision and Pattern Recognition)
  - [2] InteractAnything: Zero-shot Human Object Interaction Synthesis via LLM Feedback and Object Affordance Parsing  
**Jinlu Zhang**, Yixin Chen#, Zan Wang, Jie Yang, Yizhou Wang#, Siyuan Huang#  
**CVPR 2025 Highlight** (IEEE Conference on Computer Vision and Pattern Recognition)
  - [3] Expressive Keypoints for Skeleton-based Action Recognition via Grouped Transformation  
Yijie Yang\*, **Jinlu Zhang\***, Jiaxu Zhang, Zhigang Tu  
**TIP 2025** (IEEE Transactions on Image Processing)
  - [4] OwlSight: A Robust Illumination Adaptation Framework for Dark Video Human Action Recognition  
Shihao \*, **Jinlu Zhang\***, Yue Liu, Aoran Xiao, Zhigang Tu  
**TCSVT 2025** (IEEE Transactions on Circuits and Systems for Video Technology)
  - [5] MixSTE: Seq2seq Mixed Spatio-Temporal Encoder for 3D Human Pose Estimation in Video  
**Jinlu Zhang**, Zhigang Tu#, Jianyu Yang, Yujin Chen, Junsong Yuan  
**CVPR 2022** (IEEE Conference on Computer Vision and Pattern Recognition)
  - [6] Uncertainty-Aware 3D Human Pose Estimation from Monocular Video  
**Jinlu Zhang**, Yujin Chen, Zhigang Tu#  
**ACM MM 2022** (ACM International Conference on Multimedia)
-

- [7] Move as You Say, Interact as You Can: Language-guided Human Motion Generation with Scene Affordance  
Zan Wang, Yixin Chen, Baoxiong Jia, Puhao Li, **Jinlu Zhang**, Jingze Zhang, Tengyu Liu, Yixin Zhu, Wei Liang, Siyuan Huang  
**CVPR 2024 Highlight** (IEEE Conference on Computer Vision and Pattern Recognition)
- [8] Human Motion Generation: A Survey  
Wentao Zhu, Xiaoxuan Ma, Dongwoo Ro, Hai Ci, **Jinlu Zhang**, Jiaxin Shi, Feng Gao, Qi Tian, Yizhou Wang  
**TPAMI 2024** (IEEE Transactions on Pattern Analysis and Machine Intelligence)
- [9] PHRIT: Parametric Hand Representation with Implicit Template  
Zhisheng Huang, Yujin Chen, Di Kang, **Jinlu Zhang**, Zhigang Tu#  
**ICCV 2023** (IEEE/CVF International Conference on Computer Vision)
- 
- [10] EMO-X: Efficient Multi-Person Pose and Shape Estimation in One-Stage  
Haohang Jian\*, **Jinlu Zhang\***, Junyi Wu, Zhigang Tu  
**TNNLS Submission** (IEEE Transactions on Neural Networks and Learning Systems)
- [11] MixSTE++: Seq2seq Mixed Spatio-Temporal Motion Learning for Human Pose and Shape Estimation  
Zhigang Tu\*, **Jinlu Zhang\*#**, Junsong Yuan, Bo Du  
**T-PAMI Submission** (IEEE Transactions on Pattern Analysis and Machine Intelligence)

## 获奖情况 (AWARDS)

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- 优秀科研奖 (Excellent Research Award) 2025 @ 北京大学
- 湖北省优秀毕业生 (Honour Degree) 2023 @ 武汉大学
- 国家奖学金 (National scholarship) 2022 @ 武汉大学
- 优秀学生奖学金 (Top 10 student college scholarship) 2021 @ 武汉大学
- 山东省优秀毕业生 (Honour Degree) 2020 @ 山东大学