

Hongjie Li

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🌐 awfuact.github.io/



Education

2021 – 2026 **School of EECS, Peking University (PKU), Beijing, China, 100871**
PKU Zhi Class (2021)
GPA: 3.759/4.0

Relevant Courses: Computer Vision, Introduction to Visual Computing and Interaction, The Mathematics in Artificial Intelligence, Character Animation and Motion Simulation, Machine Learning, Multimodal Learning, Introduction to Generative Modeling, Introduction to Multi-Agent Systems

Research

Research Interests

Computer Vision & Graphics, 3D Human-Object/Scene Interaction, 3D Scene Understanding, Generative Visual Models

Research Experience

Jun 2025	Stanford Vision and Learning Lab , Stanford University	<i>Research Intern</i>
– Present	3D Human-Object Interaction Advisor: Prof. Jiajun Wu	
Jun 2024	Stanford Vision and Learning Lab , Stanford University	<i>Research Intern</i>
– Aug 2024	3D Human-Scene Interaction Advisor: Prof. Jiajun Wu	
Sept 2023	State Key Laboratory of General AI , BIGAI	<i>Student Researcher</i>
– Present	3D Human-Object/Scene Interaction Advisor: Dr. Siyuan Huang	
Jan 2023	CoRe Lab , Peking University	<i>Student Researcher</i>
– Present	Visually Grounded Reasoning Advisor: Prof. Yixin Zhu	

Preprints and Publications

* denotes equal contribution, [†] marks the corresponding authors

2025 Nan Jiang*, **Hongjie Li***, Ziyue Yuan*, Zimo He, Yixin Chen, Tengyu Liu, Yixin Zhu[†], Siyuan Huang[†]

Dynamic Motion Blending for Versatile Motion Editing
CVPR 2025

- 2024 **Hongjie Li***, Hong-Xing Yu*, Jiaman Li, Jiajun Wu[†]
ZeroHSI: Zero-Shot 4D Human-Scene Interaction by Video Generation
arXiv 2024
- 2024 Nan Jiang*, Zimo He*, Zi Wang, **Hongjie Li**, Yixin Chen, Siyuan Huang[†], Yixin Zhu[†]
Autonomous Character-Scene Interaction Synthesis from Text Instruction
SIGGRAPH Asia 2024
- 2023 Nan Jiang*, Zhiyuan Zhang*, **Hongjie Li**, Xiaoxuan Ma, Zan Wang, Yixin Chen, Tengyu Liu, Yixin Zhu[†], Siyuan Huang[†]
Scaling Up Dynamic 3D Human-Scene Interaction Modelling
CVPR 2024

Awards and Scholarships

- 2024 **The Third Prize of Peking University Scholarship**, Peking University
- 2024 **Award for Research Excellence**, Peking University
- 2023 **The Third Prize of Peking University Scholarship**, Peking University
- 2023 **Merit Student**, Peking University
- 2022 **Award for Academic Excellence**, Peking University

Technical Skills

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|-----------------------------|---|
| Languages | Python (proficient), C/C++ |
| Framework & Tool | PyTorch (proficient), Visual Studio Code, PyCharm, Blender, Git |