

Zan Wang

wangzan@bit.edu.cn · silvester.wang

Research interests

Computer Vision, Computer Graphics, Robotics

Education

- 2021.8 – Present **Beijing Institute of Technology** – Beijing, China
PhD Student, School of Computer Science & Technology
Mentors: Prof. Wei Liang, Visual Perception & Human-computer Interaction Lab
- 2020.8 – 2021.6 **Beijing Institute of Technology** – Beijing, China
Master Student, School of Computer Science & Technology
Mentors: Prof. Wei Liang, Visual Perception & Human-computer Interaction Lab
- 2016.8 – 2020.6 **Beijing Institute of Technology** – Beijing, China
Bachelor of Engineering, School of Computer Science & Technology
GPA: 90.2/100.

Publications

- CVPR 2024 **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 **Scaling Up Dynamic Human-Scene Interaction Modeling**
Nan Jiang*, Zhiyuan Zhang*, Hongjie Li, Xiaoxuan Ma, Zan Wang, Yixin Chen, Tengyu Liu, Yixin Zhu, Siyuan Huang
- CVPR 2023 **Diffusion-based Generation, Optimization, and Planning in 3D Scenes**
Siyuan Huang*, Zan Wang*, Puhao Li, Baoxiong Jia, Tengyu Liu, Yixin Zhu, Wei Liang, Song-Chun Zhu
- NeurIPS 2022 **HUMANISE: Language-conditioned Human Motion Generation in 3D Scenes**
Zan Wang, Yixin Chen, Tengyu Liu, Yixin Zhu, Wei Liang, Siyuan Huang

Research experience

- 2021.10 – Present Research Intern @ **Beijing Institute for General Artificial Intelligence (BIGAI)**
Mentors: Dr. Siyuan Huang
• Motion Generation & Human-Scene Interaction

Honors and scholarships

- 2020 First-Class Freshmen Scholarship of Beijing Institute of Technology
- 2018 Excellent League Member of Beijing Institute of Technology
Excellent Student of Beijing Institute of Technology
- 2017 Third Prize of National Physics Contest of College Students
- 2016 - 2020 Four Times of The First Class Scholarship
Three Times of The Second Class Scholarship

Service

Reviewer: NeurIPS, ICLR, ICML

Technical skills

Programming languages

C, C++, Python, Java, Verilog HDL, Javascript, Rust

Software

LaTeX, Git, VSCode, Blender, Unity, Notion

Languages

English (CET 6)

Other interests

FPGA, Web Development, Badminton