WEIJIE WANG

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EDUCATION

- **Zhejiang University**   Sept. 2025 - Present
  PhD in Computer Science and Technology, State Key Laboratory of CAD & CG
  Advisor: Prof. Bohan Zhuang
- **Zhejiang University**   Sept. 2021 - Jun. 2025
  B.E in Software Engineering, College of Computer Science and Technology   GPA 91.2/100
  Advanced Honor Class of Engineering Education, Chu Kochen Honors College

INTERNSHIP

- Research Intern @ Bytedance Seed   Jan. 2026 - Present
  Advisors: Jianfeng Zhang and Qianyi Wu
- Research Intern @ Microsoft Research Asia   Jul. 2025 - Jan. 2026
  Advisors: Yuqing Yang, Yifan Yang and Zhiyuan He
  Topic: RL post-training of video generation model with 3D prior
- Research Intern @ Research Group, GigaAI   Dec. 2024 - May. 2025
  Advisor: Zheng Zhu
  Topic: Exploration of feed-forward 3D Gaussian Splatting

HIGHLIGHT PUBLICATIONS

(* denotes equal contribution)

- **Revisiting Depth Representations for Feed-Forward 3D Gaussian Splatting**
  Duochao Shi*, **Weijie Wang***, Donny Y. Chen, Zeyu Zhang, Jia-Wang Bian, Bohan Zhuang
  In International Conference on 3D Vision (**3DV**), 2026
- **ZPressor: Bottleneck-Aware Compression for Scalable Feed-Forward 3DGS**
  Weijie Wang, Donny Y. Chen, Zeyu Zhang, Duochao Shi, Akide Liu, Bohan Zhuang
  In Advances in Neural Information Processing Systems (**NeurIPS**), 2025
- **WonderTurbo: Generating Interactive 3D World in 0.72 Seconds**
  Chaojun Ni*, Xiaofeng Wang*, Zheng Zhu*, **Weijie Wang***, Haoyun Li, Guosheng Zhao, Jie Li, Wenkang Qin, Guan Huang, Wenjun Mei
  In International Conference on Computer Vision (**ICCV**), 2025
- **Street Gaussians: Modeling Dynamic Urban Scenes with Gaussian Splatting**
  Yunzhi Yan, Haotong Lin, Chenxu Zhou, **Weijie Wang**, Haiyang Sun, Kun Zhan, Xianpeng Lang, Xiaowei Zhou, Sida Peng
  In European Conference on Computer Vision (**ECCV**), 2024

PREPRINTS

- **DriveGen3D: Boosting Feed-Forward Driving Scene Generation with Efficient Video Diffusion**
  Weijie Wang*, Jiagang Zhu*, Zeyu Zhang, Xiaofeng Wang, Zheng Zhu, Guosheng Zhao, Chaojun Ni, Haoxiao Wang, Guan Huang, Xinze Chen, Yukun Zhou, Wenkang Qin, Duochao Shi, Haoyun Li, Yicheng Xiao, Donny Y. Chen, Jiwen Lu
- **VolSplat: Rethinking Feed-Forward 3D Gaussian Splatting with Voxel-Aligned Prediction**
  Weijie Wang*, Yeqing Chen*, Zeyu Zhang, Hengyu Liu, Haoxiao Wang, Zhiyuan Feng, Wenkang Qin, Zheng Zhu, Donny Y. Chen, Bohan Zhuang

OTHER PUBLICATIONS

- **Seeing Across Views: Benchmarking Spatial Reasoning of Vision-Language Models in Robotic Scenes**
  Zhiyuan Feng, Zhaolu Kang, Qijie Wang, Zhiying Du, Jiongrui Yan, Shubin Shi, Chengbo Yuan, Huizhi

Liang, Yu Deng, Qixiu Li, Rushuai Yang, Arctanx An, Leqi Zheng, **Weijie Wang**, Shawn Chen, Sicheng Xu, Yaobo Liang, Jiaolong Yang, Baining Guo

In International Conference on Learning Representations (**ICLR**), 2026

- **Advancing Multimodal Reasoning: From Optimized Cold Start to Staged Reinforcement Learning**
Shuang Chen*, Yue Guo*, Zhaochen Su, Yafu Li, Yulun Wu, Jiacheng Chen, Jiayu Chen, **Weijie Wang**, Xiaoye Qu, Yu Cheng

In International Conference on Learning Representations (**ICLR**), 2026

- **TransDiff: Diffusion-Based Method for Manipulating Transparent Objects Using a Single RGB-D Image**
Haoxiao Wang*, Kaichen Zhou*, Binrui Gu, Zhiyuan Feng, **Weijie Wang**, Peilin Sun, Yicheng Xiao, Jianhua Zhang, Hao Dong

In International Conference on Robotics and Automation (**ICRA**), 2025

Selected Awards

- NeurIPS Scholar Award — Oct. 2025
- Outstanding Thesis of Zhejiang University — Jun. 2025
- Outstanding Graduates of Zhejiang University — Apr. 2025
- Zhejiang Government Scholarship — Nov. 2023
- *Meritorious Winner*, The Interdisciplinary Contest in Modeling — Nov. 2023

Academic Service

- **Journal Reviewer**: IEEE Transactions on Visualization and Computer Graphics (TVCG)
- **Conference Reviewer**: NeurIPS 2025, 3DV 2026, ICRA 2026, ICME 2026