

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 @ Microsoft Research Asia (MSRA) Jul. 2025 - Present
Mentors: Yuqing Yang and Yifan Yang
Topic: RL post-training of video generation model with 3D prior
- Research Intern @ Research Group, GigaAI Dec. 2024 - May. 2025
Mentor: Dr. Zheng Zhu
Topic: Exploration of feed-forward 3D Gaussian Splatting

PUBLICATIONS

(* denotes equal contribution)

- **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

- **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
- **Revisiting Depth Representations for Feed-Forward 3D Gaussian Splatting**
Duochao Shi*, Weijie Wang*, Donny Y. Chen, Zeyu Zhang, Jia-Wang Bian, Bohan Zhuang, Chunhua Shen

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