

Yibo Zhang

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I am a first-year master's student at the Intelligent Content Learning (ICL) Group of Jilin University, under the supervision of [Prof. Rui Ma](#). I graduated from Jilin University in 2023 with a Bachelor's degree in computer science. My research interests focus on computer graphics and 3D content generation. I am currently interested in high-quality 3D scene and object generation.

EDUCATION

Jilin University (JLU) Changchun, China
M.S. in Computer Science Sept. 2023 - Present
Advisor: Prof. Rui Ma

Jilin University (JLU) Changchun, China
B.S. in Computer Science Sept. 2019 - Jun. 2023

PUBLICATIONS

Diff3DS: Generating View-Consistent 3D Sketch via Differentiable Curve Rendering

Yibo Zhang, Lihong Wang, Changqing Zou, Tieru Wu, Rui Ma

Preprint, 2024, [\[Project\]](#) [\[Paper\]](#)

3D-SceneDreamer: Text-Driven 3D-Consistent Scene Generation

Songchun Zhang, Yibo Zhang, Quan Zheng, Rui Ma, Wei Hua, Hujun Bao, Weiwei Xu, Changqing Zou

Computer Vision and Pattern Recognition (CVPR), 2024 [\[Paper\]](#)

EMPLOYMENT

Zhejiang Lab Hangzhou, China
Research Intern Feb. 2023 - Aug. 2023

Research in 3D scene generation. Advised by Prof. Changqing Zou.

Huawei Hangzhou, China
Algorithm Engineer Intern Sept. 2022 - Dec. 2022

Focus on neural network training acceleration using knowledge distillation.

ByteDance Beijing, China
Algorithm Engineer Intern Jan. 2022 - May. 2022

Participate in constructing the algorithm platform of ByteDance's risk control department.

HONORS & AWARDS

2023 Graduate Study Scholarship, Jilin University

2020 Silver Medalist, ACM-ICPC Asia Shanghai Regional Contest

2020 Bronze Medalist, ACM-CCPC Weihai Regional Contest