

Zhiyi Kuang

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Research Interests

- Neural Modeling, Neural Rendering, Controllable Generation

Education

State Key Lab of CAD&CG, Zhejiang University Sept 2020 – June 2026
Ph.D. in Computer Science (expected)

- Supervisor: Youyi Zheng [Google Scholar](#) 🌐

National University of Singapore July 2019
Summer Workshop

- Lecturer: Kok-Lim Low [Homepage](#) 🌐. Topic: Real-time and Realistic Graphics Rendering

Chu Kochen Honors College, Zhejiang University Sept 2016 - June 2020
B.Eng. in Computer Science

- GPA: 3.86/4.00

Internships

Meta Reality Lab Pittsburgh, PA
Research Scientist Intern May 2025 – Nov 2025

- Project: Joint camera and lighting control in video diffusion. Manager: Giljoo Nam [Homepage](#) 🌐

Shanghai AI Lab Shanghai, China
Intern Researcher Aug 2024 – Feb 2025

- Project: 2DGS physically based rendering. Manager: Xudong Xu [Homepage](#) 🌐

Publications

CamLit: Unified Video Diffusion with Explicit Camera and Lighting Control 2026

Zhiyi Kuang, Chengan He, Egor Zakharov, Yuxuan Xue, Shunsuke Saito, Olivier Maury, Timur Bagautdinov, Youyi Zheng, Giljoo Nam. **Preprint 2026**. [Website](#) 🌐

OLAT Gaussians for Generic Relightable Appearance Acquisition 2024

Zhiyi Kuang, Yanchao Yang, Siyan Dong, Jiayue Ma, Hongbo Fu, and Youyi Zheng. **SIGGRAPH Asia 2024**. [Website](#) 🌐

MonoHair: High-Fidelity Hair Modeling from a Monocular Video 2024

Keyu Wu, Lingchen Yang, Zhiyi Kuang, Yao Feng, Xutao Han, Yuefan Shen, Hongbo Fu, Kun Zhou, Youyi Zheng. **CVPR 2024**. [Website](#) 🌐

DeepMVSHair: Deep Hair Modeling from Sparse Views 2022

Zhiyi Kuang, Yiyang Chen, Hongbo Fu, Kun Zhou, and Youyi Zheng. **SIGGRAPH Asia 2022**. [Website](#) 🌐

Professional Services

Conference Reviewer: SIGGRAPH Asia 2025

Awards

Outstanding Graduate, Zhejiang University 2024

Graduate of Merit, Zhejiang University 2023