

Wenqing Cui

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Email: wenqing.cui@kaust.edu.sa

Homepage: [Dreamaker-MrC](#)

Scholar: [Google Scholar](#)

GitHub: [Dreamaker-MrC](#)

LinkedIn: [Wenqing Cui](#)

Research Interests 3D/4D Reconstruction, World Models.

Education [King Abdullah University of Science and Technology \(KAUST\)](#) Thuwal, Saudi Arabia
Ph.D. in **Computer Science**, Advisor: [Prof. Peter Wonka](#) 2025 – Present
M.S. in **Electrical and Computer Engineering** 2023 – 2025
[Harbin Institute of Technology \(HIT\)](#) Weihai, China
B.Eng. in **Electronic Information Engineering**, *GPA: 88/100, Top 10%* 2019 – 2023

Publications [Any Resolution Any Geometry: From Multi-View To Multi-Patch](#)
[Wenqing Cui](#), Zhenyu Li, Mykola Lavreniuk, Jian Shi, Ramzi Idoughi, Xiangjun Tang, Peter Wonka.
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2026.

[PatchRefiner V2: Fast and Lightweight Real-Domain High-Resolution Metric Depth Estimation](#)
Zhenyu Li, [Wenqing Cui](#), Shariq Farooq Bhat, Peter Wonka.
International Conference on Learning Representations (ICLR), 2026.

[Geometry without Position? When Positional Embeddings Help and Hurt Spatial Reasoning](#)
Jian Shi, Michael Birsak, [Wenqing Cui](#), Zhenyu Li, Peter Wonka.
arXiv preprint arXiv:2601.22231, 2026.

[StereoCrafter-Zero: Zero-Shot Stereo Video Generation with Noisy Restart](#)
Jian Shi, Qian Wang, Zhenyu Li, Ramzi Idoughi, [Wenqing Cui](#), Peter Wonka.
SIGGRAPH 2026 (Journal Track).

[One-Step Video Depth Estimation via Self-Distillation](#)
[Wenqing Cui](#), Zhenyu Li, Jian Shi, Shariq Farooq Bhat, Peter Wonka.
ICLR 2026 RSI Workshop.

Honors & Awards **KAUST Basketball Tournament Champion** 2025
Merit and Ability Scholarship – Intra-School, **Top 0.2%** of all majors 2022
Outstanding Student Leader – Intra-School, **Top 3%** of all majors 2021
First-class Academic Scholarship – Intra-School, **Top 3%** of class 2020

Interests Basketball, running, diving, ultimate frisbee.