

YULUN WU

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EDUCATION

Tsinghua University

M.Eng., *School of Software*

- Major: Software Engineering
- Adviser: Prof. Ming Gu

Sept. 2022 – Present

Beijing, China

Tsinghua University

B.Eng., *Department of Automation*

- Major: Automation (Robotics)

Aug. 2018 – Jun. 2022

Beijing, China

RESEARCH INTERESTS

Computer Vision & Graphics

3D Reconstruction (Neural Surface Reconstruction, Neural Radiance Fields, Gaussian Splatting, etc.), Generative Models (GANs, Diffusion Models, etc.), Scene Understanding & Editing, etc.

Multimodal Learning

Multimodal Agents (LLMs, LVMs, and VLMs) for 3D Understanding.

PUBLICATIONS [\[Google Scholar\]](#)

- [AAAI 2025] [Yulun Wu](#)*, [Han Huang](#)*, [Wenyuan Zhang](#), [Chao Deng](#), [Ge Gao](#)[✉], [Ming Gu](#), [Yu-Shen Liu](#). Sparis: Neural Implicit Surface Reconstruction of Indoor Scenes from Sparse Views. *Proceedings of the AAAI Conference on Artificial Intelligence*, 2025. [\[PDF\]](#) [\(Oral\)](#)
- [AAAI 2025] [Han Huang](#)*, [Yulun Wu](#)*, [Chao Deng](#), [Ge Gao](#)[✉], [Ming Gu](#), [Yu-Shen Liu](#). FatesGS: Fast and Accurate Surface Reconstruction with Gaussian Splatting from Sparse Views. *Proceedings of the AAAI Conference on Artificial Intelligence*, 2025. [\[PDF\]](#) [\(Oral\)](#)
- [AAAI 2024] [Han Huang](#), [Yulun Wu](#), [Junsheng Zhou](#), [Ge Gao](#)[✉], [Ming Gu](#), [Yu-Shen Liu](#). NeuSurf: On-Surface Priors for Neural Surface Reconstruction from Sparse Input Views. *Proceedings of the AAAI Conference on Artificial Intelligence*, 2024. [\[PDF\]](#)

(*Equal contribution. [✉]Corresponding author.)

HONORS & AWARDS

Oral Presentation, AAAI, 2025. (Top 4.6% of all submitted papers)

Tsinghua Comprehensive Excellence Scholarship, Tsinghua University, 2023-2024.

Tsinghua Innovation Excellence Scholarship, Tsinghua University, 2021.

1st Place Award, MFR Challenge & Workshop, ICCV, 2021.

SKILLS

Skills: Python, C/C++, Matlab, PyTorch, Verilog, Linux, LaTeX, etc.

Language: Mandarin Chinese (native), English (fluent, TOEFL iBT 107 R30 L26 S23 W28).

SERVICES

Conference Reviewer: IEEE International Conference on Multimedia & Expo (ICME) 2025.