

Yulun Wu

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EDUCATION

Tsinghua University

Sept. 2022 – Jul. 2025 (expected)

M.Eng., *School of Software*

Beijing, China

- Adviser: Prof. Ming Gu
- GPA: 3.56/4

Tsinghua University

Aug. 2018 – Jun. 2022

B.Eng., *Department of Automation*

Beijing, China

- Major: Automation (Robotics)
- GPA: 3.61/4

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

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. [\[link\]](#)

AAAI Conference on Artificial Intelligence (AAAI), 2025. *Oral Presentation*

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. [\[link\]](#)

AAAI Conference on Artificial Intelligence (AAAI), 2025. *Oral Presentation*

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. [\[link\]](#)

AAAI Conference on Artificial Intelligence (AAAI), 2024.

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

HONORS & AWARDS

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).

WORK EXPERIENCE

BIM Research Group, Tsinghua University

Jul. 2022 – Present

Research Assistant

Beijing, China

Base Model Group, Beijing SenseTime Technology Co., Ltd.

Jun. 2021 – Apr. 2022

Intern Researcher

Beijing, China

SERVICES

Conference Reviewer: ICME (2025).