

Runmao Yao

Homepage [🔗](#) | (+86) 188-1012-9120 | yaorunmao@gmail.com

Education

Tsinghua University, B.Eng. in Software Engineering
• GPA: 3.84/4.00 (93.14/100)

Sept 2021 – Jun 2025

Publications

- [1] **Runmao Yao***, Junsheng Zhou*, Zhen Dong, Yu-Shen Liu
AnchoredDream: Zero-Shot 360° Indoor Scene Synthesis from a Single View via Geometric Grounding
arXiv, 2026
- [2] **Runmao Yao**, Yi Du, Zhuoqun Chen, Haoze Zheng, Chen Wang
AirRoom: Objects Matter in Room Reidentification
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2025
- [3] Yi Du, Zhipeng Zhao, Shaoshu Su, Sharath Golluri, Haoze Zheng, **Runmao Yao**, Chen Wang
SuperPC: A Single Diffusion Model for Point Cloud Completion, Upsampling, Denoising, and Colorization
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2025

Research Experiences

- MMLab@NTU, Nanyang Technological University** Oct 2025 – Present
Research Assistant supervised by Prof. Ziwei Liu [🔗](#)
Research Topic: Thinking with Videos
- School of Software, Tsinghua University** Dec 2024 – Jun 2025
Undergraduate thesis supervised by Prof. Yu-Shen Liu [🔗](#)
Research Topic: Single-View Indoor Scene Synthesis
- SAIR Lab, University at Buffalo** Jul 2024 – Feb 2025
Intern supervised by Prof. Chen Wang [🔗](#)
Research Topic: Room Reidentification

Awards and Honors

- Second Prize Scholarship for Incoming Students, Tsinghua University Dec 2021
- Third Prize in the Software Competition, Tsinghua University Jan 2022, Jun 2023
- Outstanding Admission Volunteer, Tsinghua University Jul 2022
- Sports Excellence Award, Tsinghua University Sep 2022
- Comprehensive Excellence Award, Tsinghua University (Top 5%) Sep 2023, Sep 2024

SERVICES

- Conference Reviewer
IEEE ICRA 2025 Workshop FMNS

Skills

- Programming: C, C++, Python, Java, HTML, CSS, JavaScript
Techniques: Pytorch, Docker, Git
Languages: English(Proficient), Chinese(Native)