

Runmao Yao

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Education

Tsinghua University, B.Eng. in Software Engineering Sept 2021 – Jun 2025

- GPA: 3.84/4.00 (93.14/100)
 - Freshman: 3.55/4.00 Sophomore: 3.90/4.00
 - Junior: 3.98/4.00 Senior: 4.00/4.00

Publications

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- [1] **Runmao Yao**, Junsheng Zhou, Yu-Shen Liu
AnchoredDream: Zero-Shot 360° Indoor Scene Synthesis from a Single View via Geometric Grounding
- [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: 3D Indoor Scene Reconstruction

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

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- 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)