

Minghan Qin

CONTACT INFORMATION	Tsinghua University 30 Shuangqing Rd, Haidian District, Beijing, China, 100190 Homepage: https://minghanqin.github.io	qinminghan1999@gmail.com Google Scholar GitHub
RESEARCH INTERESTS	3D Vision, 3D Scene Reconstruction and Perception, 3D Human/Face Avatars Reconstruction, 3D Gaussian Splatting, Neural Radiance Field	
EDUCATION	Tsinghua University , China GPA: 3.7/4.0 Master, Major: Artificial Intelligence, Advisor: Haoqian Wang Sep 2021 – Present	
	Southeast University , China GPA: 85.81/100 Bachelor, Major: Measurement and Control Technology & Instruments Aug 2017 – Jun 2021	
SELECTED PUBLICATIONS	<ol style="list-style-type: none">1. Minghan Qin, Wanhua Li, Jiawei Zhou, Haoqian Wang, Hanspeter Pfister. “LangSplat: 3D Language Gaussian Splatting”, <i>IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR Highlight)</i>, 2024. [Project Page] [Code(Star:400)]2. Minghan Qin, Yifan Liu, Yuelang Xu, Xiaochen Zhao, Yebin Liu, Haoqian Wang. “High-Fidelity 3D Head Avatars Reconstruction through Spatially-Varying Expression Conditioned Neural Radiance Field”, <i>Advances in Association for the Advancement of Artificial Intelligence (AAAI)</i>, 2024. [Project Page]3. Yang Liu, Huang Xiang, Minghan Qin, Qinwei Lin, Haoqian Wang. “Animatable 3D Gaussian: Fast and High-Quality Reconstruction of Multiple Human Avatars.”, <i>arXiv preprint arXiv:2311.16482 (2023)</i>. [Project Page]4. Dongbin Zhang, Chuming Wang, Weitao Wang, Peihao Li, Minghan Qin, Haoqian Wang. “Gaussian in the Wild: 3D Gaussian Splatting for Unconstrained Image Collections.”, <i>arXiv preprint arXiv:2403.15704 (2024)</i>. [Project Page]	
PROFESSIONAL EXPERIENCE	Research Assistant in Computer Science Harvard University - VCG Lab at Boston, America Supervised by Wanhua Li and Hanspeter Pfister Projects: 3D Scene Reconstruction and Perception	Sep. 2023 – May. 2024
HONORS AND AWARDS	<ul style="list-style-type: none">• National 1st Award in The 10th ”Beidou Cup” National Science and Technology Innovation Competition (BD-CASTIC) 2019• Department Scholarship at THU 2023• Learning Progress Scholarship at SEU 2020• Second Prize in National High School Mathematics League 2015• Gold Medal in National Hopecup Mathematical Invitational (Team Competition) 2012• Silver Medal in National Hopecup Mathematical Invitational (Individual Events) 2012	
SKILLS	<ul style="list-style-type: none">• Language: Chinese (native), English• Computing Skills: Algorithms, Data Structure, Machine Learning.• Programming: Python, C/C#/C++, Matlab, L^AT_EX.• Programming Frameworks: Pytorch, Scikit-Learn, TensorFlow, NeRFStudio	