Jiamu Sun

Master Student

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Education

Institute of Computing Technology, CAS   *Beijing*

MS COMPUTER SCIENCE   *2021 - 2024*

- **GPA** 3.78/4.0
- Advisor: Dr. Lin Gao

Huazhong University of Science and Technology   *Wuhan*

BS COMPUTER SCIENCE   *2017 - 2021*

- **GPA** 92.81/100 (3.99/4.0), **Ranking** 3/320
- **TOEFL-iBT** 103/120 **CET4** 672/710 **CET6** 582/710
- Thesis Advisor: Dr. Lin Gao, Dr. Hongxing Guo

Publications

PUBLISHED

Jia-Mu Sun, Tong Wu, Yong-Liang Yang, Yu-Kun Lai, Lin Gao*. 2023. SOL-NeRF: Sunlight Modeling for Outdoor Scene Decomposition and Relighting. In *SIGGRAPH Asia 2023 Conference Paper*.

Tong Wu, **Jia-Mu Sun**, Yu-Kun Lai, Lin Gao*. 2023. DE-NeRF: DEcoupled Neural Radiance Fields for View-Consistent Appearance Editing and High-Frequency Environmental Relighting. In *SIGGRAPH 2023 Conference Paper*.

Lin Gao, **Jia-Mu Sun**, Kaichun Mo, Yu-Kun Lai, Leonidas J. Guibas, Jie Yang. 2023. SceneHGN: Hierarchical Graph Networks for 3D Indoor Scene Generation with Fine-Grained Geometry. In *IEEE Transactions on Pattern Analysis and Machine Intelligence (IEEE TPAMI), 45(7): 8902-8919 (2023)*.

IN REVIEW

Jia-Mu Sun, et al. . 2023. (*Publication title hidden for preserving anonymity in review process*). Submitted to *ACM Transactions on Graphics*, Accepted with Major Revision.

Jia-Mu Sun, Tong Wu, Lin Gao*, 2023. Recent Advances in Implicit Representation Based 3D Shape Generation. Submitted to *Visual Intelligence*.

Professional Experience

2020   **Intern Game Engine Developer**, Tencent, Guangzhou

Awards, Fellowships, & Grants

2021   **Excellent Thesis Award**, Huzhong University of Science and Technology
2020   **Honor Student of Qiming Collage**, Huzhong University of Science and Technology
2019   **Undergraduate National Scholarship**, China

Outreach & Professional Development

SERVICE AND OUTREACH

2018-2020   **Unique Studio(Student Technology Team) of HUST**, Game Department Leader
2018-2020   **Symphony Orchestra of HUST**, Clarinet Player