Jiamu Sun

MASTER STUDENT

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Education

University of Science Academy of Sciences *Beijing*
MS COMPUTER SCIENCE *2021 - 2024*
- **GPA** 3.78/4.0 **TOEFL-iBT** 108/120 (R30,L30,S25,W23)
- Advisor: Prof. 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
- **CET4** 672/710 **CET6** 582/710
- Thesis Advisor: Prof. Lin Gao, Prof. Hongxing Guo

Publications

Jia-Mu Sun, Jie Yang, Kaichun Mo, Yu-Kun Lai, Leonidas J. Guibas, Lin Gao*. 2023. HAISOR: Human-Aware Indoor Scene Optimization via Deep Reinforcement Learning. *ACM Transactions on Graphics*(Accepted).

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)*.

Professional Experience

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

Awards, Fellowships, & Grants

2022 **First-Level Graduate Academic Scholarship**, University of Science Academy of Sciences
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