

# Jiamu Sun

MASTER STUDENT

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## Education

### University of Science Academy of Sciences

MS COMPUTER SCIENCE

- GPA 3.78/4.0 TOEFL-iBT 108/120 (R30,L30,S25,W23)
- Advisor: Prof. [Lin Gao](#)

Beijing  
2021 - 2024

### Huazhong University of Science and Technology

BS COMPUTER SCIENCE

- 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

Wuhan  
2017 - 2021

## Publications

**Jia-Mu Sun**, Jie Yang, Kaichun Mo, Yu-Kun Lai, Leonidas J. Guibas, Lin Gao\*. 2023. HAIOR: 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