

CONTACT

- E-mail: fjh@njust.edu.cn
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PROFESSIONAL SKILLS

- C/C++ since 2016
- Python since 2017
- Linux since 2017
- Deep Learning since 2017
- Rendering since 2020

JIAHUI FAN

Ph.D. Student - Rendering & Deep Learning

EDUCATION

Ph. D. - Computer Science & Engineering
Nanjing University of Science and Technology,
China

2020 - NOW

Working on Neural-Based Appearance Modeling, and Microfacet Model for Realistic Rendering, advised by Prof. Jian Yang and Prof. Beibei Wang.

Bachelor - Computer Science & Engineering
Nanjing University of Science and Technology,
China

2016 - 2020

Worked on Depth Completion in Computer Vision, advised by Prof. Jian Yang.

FEATURED PUBLICATIONS

Neural Biplane Representation for BTF Rendering and Acquisition
2023

SIGGRAPH

Jiahui Fan, Beibei Wang*, Miloš Hašan, Jian Yang* and Ling-Qi Yan

Neural Layered BRDFs
2022

SIGGRAPH

Jiahui Fan, Beibei Wang*, Miloš Hašan, Jian Yang* and Ling-Qi Yan

Position-free Multiple-bounce Computations for Smith Microfacet BSDFs
2022

ACM TOG

Beibei Wang, Wenhua Jin, *Jiahui Fan*, Jian Yang, Nicolas Holzschuch and Ling-Qi Yan

Efficient Specular Glints Rendering with Differentiable Regularization
2022

IEEE TVCG

Jiahui Fan, Beibei Wang*, Wenshi Wu, Miloš Hašan, Jian Yang* and Ling-Qi Yan

HONORS AND AWARDS

- **2022 Style3D Graphics Scholarship.**
- **2022 GAMES Best Poster Award.**

EXTRACURRICULAR

- **Foreign Languages.** While I've been teaching myself Japanese since my high school, I'm also learning Russian and French with a lot of interests in their different culture and customs.
- **Modern Drama.** I have learned to play modern drama for 5 years, and have been the leader of the Drama Troupe in Nanjing University of Science and Technology for two years. I also have been invited to perform at an evening show in the Grand Theatre of China, Shanghai in 2018.