

# Zhimin Fan

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## Education

- B.S. in Computer Science and Engineering** 2019.9-2023.6  
Southeast University, China (GPA: 3.98/4.00, Avg: 93.25/100)
- M.S. in Computer Science and Technology** 2023.9-2026.6 (Expected)  
Nanjing University, China

## Publications (+2 to appear)

### Specular Polynomials

**Zhimin Fan**, Jie Guo, Yiming Wang, Tianyu Xiao, Hao Zhang, Chenxi Zhou, Zhenyu Chen, Pengpei Hong, Yanwen Guo, Ling-Qi Yan  
*ACM Transactions on Graphics (Proceedings of SIGGRAPH 2024)*

### Conditional Mixture Path Guiding for Differentiable Rendering

**Zhimin Fan**, Pengcheng Shi, Mufan Guo, Ruoyu Fu, Yanwen Guo, Jie Guo  
*ACM Transactions on Graphics (Proceedings of SIGGRAPH 2024)*

### Manifold Path Guiding for Importance Sampling Specular Chains

**Zhimin Fan\***, Pengpei Hong\*, Jie Guo, Changqing Zou, Yanwen Guo, and Ling-Qi Yan  
*ACM Transactions on Graphics (Proceedings of SIGGRAPH ASIA 2023)* \*: Joint first authors

## Awards

- National Scholarship**, Nanjing University 2024  
First-class academic scholarship, Nanjing University 2023, 2024  
**President Scholarship**, Southeast University 2021  
**National Scholarship (1%)**, Southeast University 2020  
**Gold Medal at ACM-ICPC Asia Regional Contest** 2020  
Tingbiao Jiao Scholarship, Southeast University 2020  
Provincial First Prize at Chinese Physics Olympiad 2018  
Provincial First Prize at National Olympiad in Informatics in Provinces 2016, 2017

## Services

**Technical paper reviewer:** SIGGRAPH (2025), SIGGRAPH Asia (2024), TVCG (2024), EG (2025)

## Skills

- English:** TOEFL iBT 104 (R28+L26+S23+W27)  
**Programming:** C/C++, Python, CUDA, GLSL