

# 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

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

## Awards

- |                                                                         |            |
|-------------------------------------------------------------------------|------------|
| <b>National Scholarship</b> , Nanjing University                        | 2024       |
| First-class academic scholarship, Nanjing University                    | 2023, 2024 |
| <b>President Scholarship</b> , Southeast University                     | 2021       |
| <b>National Scholarship</b> (1%), Southeast University                  | 2020       |
| <b>Gold Medal</b> 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)