

# Jieke Shi

CS Ph.D. Candidate | Research Engineer  
Singapore Management University

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## RESEARCH INTERESTS

Human-Computer Interaction, Computer Graphics, Machine Learning, Computer Vision, and Computational Photography.

I am interested in building systems that leverage machine learning to improve the user experience of interactive systems.

I am also interested in the intersection of computer graphics and machine learning, including generative models for 3D content creation.

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## EDUCATION

2025 Ph.D. in Electrical Engineering (Interactive Systems), Aalto University & FCAI, Finland

Meta Research PhD Fellowship, Google Scholarship, Nokia Scholarship, etc.

Supervisors: Prof. Antti Oulasvirta and Prof. Vikas Garg

2020 M.Sc. in Computer Science, University of Maryland, College Park (Supervisor: Prof. Matthias Zwicker)

## EMPLOYMENT

2023–Present **Research Engineer**, *Singapore Management University*

2022–2023 **Research Intern**, *Meta Reality Labs*

Worked on the research and development of a new generation of AR/VR devices.

2021–2022 **Research Intern**, *Google Research*

Worked on the research and development of a new generation of AR/VR devices.