

Youxin Xing

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EDUCATION

Shandong University, Jinan, China Sep. 2020 - current
Ph.D. student in Software Engineering

Shandong University of Science and Technology, Qingdao, China Sep. 2016 - Jun. 2020
Bachelor of Digital Media Technology

RESEARCH INTERESTS

My research is about material appearance modeling and real-time rendering. Now I am interested and working in material inverse with deep learning methods. My goal is to find a better way to approximate the material appearance as accurate as possible. Exploring the real world and representing it in the virtual world is enjoyable for me.

SKILL SET

Real-time Rendering

Real-time All-frequency Global Illumination with Radiance Caching
Youxin Xing, Gaole Pan, Xiang Chen, Ji Wu, Lu Wang, Beibei Wang
Computation Visual Media 2023 (CVMJ)

Material Appearance

A Tiny Example-Based Procedural Model for Real-Time Ginty Appearance Rendering
Youxin Xing, Haowen Tan, Yanning Xu, Lu Wang
Computation Visual Media 2024 (JCST)

HONORS & AWARDS

National First Prize of National Digital Media Technology Work Competition Nov. 2018

National Second Prize of Chinese Collegiate Computing Competition Aug. 2018

Honorable Mention of Mathematical Contest in Modeling (International) Feb. 2018

PROGRAMMING TOOLS

C++ & NVIDIA Falcor, Python & Pytorch