

Duan Gao (高端)

Tsinghua University
Department of Computer Science and Technology
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Born: 06/03/1995
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Education

Tsinghua University

Ph.D. Student, Computer Science, 2017.9 - now

Fields: Computer Graphics

Research interests: Appearance modeling, physically-based rendering and real-time rendering.

Nanjing University

B.A., Computer Science, 2012.9 - 2017.7.

Experience

Research intern@Microsoft Research Asia, Internet Graphics Group

2018.8 - 2019.5, Appearance modeling research with Dr. Yue Dong and Dr. Xin Tong.

Research intern@Megvii(Face++)

2017.7 - 2017.9, Facial recovery and rendering research with Dr. Liqian Ma.

Publications

Deep Inverse Rendering for High-resolution SVBRDF Estimation from an Arbitrary Number of Images

SIGGRAPH 2019

Duan Gao, Xiao Li, Yue Dong, Pieter Peers, Kun Xu, Xin Tong

Projects

Elegans Renderer

Physically based renderer.

[Link](#)

Smoke Simulation

Smoke simulation based on the paper “Visual Simulation of Smoke“

[Link](#)

Technical skills

Main skills : Computer graphics

Languages : C/C++, Python, Java, OpenGL

Software : Git, LaTeX, TensorFlow

Languages

Chinese (native), **English** (Working knowledges.)