Duan Gao (高端)

Tsinghua University
Department of Computer Science and Technology
30 Shuangqing Rd
Beijing, P.R. China

Born: 06/03/1995
Website: gao-duan.github.io
Email: gao-d17@mails.tsinghua.edu.cn
Phone: +86 15811021901

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@Tecent AI Lab
2019.7 - 2019.8, 3D face reconstruction research with Dr. Haozhi Huang.

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

Technical skills

Main skills : Computer graphics
Lanuages   : C/C++, Python, Java, OpenGL
Software   : Git, LaTex, TensorFlow

Languages

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

Projects

Elegans Renderer
Physically based renderer.   Link

Smoke Simulation
Smoke simulation based on the paper "Visual Simulation of Smoke"   Link

Face Relighting
3D face reconstruction from a single image and face relighting   Link

BlueNoise Generator
Generate blue noise images.   Link