SONG GUOXIAN

https://guoxiansong.github.io/homepage/
Looking for full-time research scientist/engineer in computer vision/graphics. Can work from Sep 2021.
(+65)9734-1909 ⬦ guoxian001@e.ntu.edu.sg

EDUCATION

Nanyang Technological University, Singapore   *August 2018 - July 2021*
Phd in Computer Science on 3D face reconstruction and analysis
Supervised by Prof.Cham Tat-Jen, Prof.Cai Jianfei and Prof.Zheng Jianmin

University of Science and Technology of China, China   *Sep 2012 - July 2016*
Bachelar Degree in Mathematics Hua Loo-Keng Talent Program.
Supervisor: Prof.Ligang Liu and Prof.Juyong Zhang

WORK EXPERIENCE

Bytedance AI Lab, US, CA   June 2020 - July 2021
Remote Research Intern

Research topic is 3D face reconstruction and stylization managed by Dr. Linjie Luo. Support internal products like styled profile portrait generation, etc

SELECTED PUBLICATION

ACM Siggraph 2021: AgileGAN: Stylizing Portraits by Inversion-Consistent Transfer Learning.
Guoxian Song, Linjie Luo, Jing Liu, Wan-Chun Ma, Chunpong Lai, Chuanxia Zheng, Tat-Jen Cham.

IEEE TVCG 2021(Major Revision): Real-time Shadow-aware portrait relighting for virtual background telepresence.
Guoxian Song, Tat-Jen Cham, Jianfei Cai, Jianming Zheng.

CGF 2021(Minor Revision): Half-body Portrait Relighting with Overcomplete Lighting Representation
Guoxian Song, Tat-Jen Cham, Jianfei Cai, Jianming Zheng.

ELSEVIER IVC 2020: Recovering Facial Reflectance and Geometry from Multi-view Images.
Guoxian Song, Jianmin Zheng, Jianfei Cai, Tat-Jen Cham.

ACM MM 2018: Real-time 3D Face-Eye Performance Capture of a Person Wearing VR Headset.
Guoxian Song, Jianfei Cai, Tat-Jen Cham, Jianmin Zheng, Juyong Zhang, Henry Fuchs.

ACM Siggraph Asia 2016: FrameFab:Robotic Fabrication of Frame Shapes.
Yijiang Huang, Juyong Zhang, Xin Hu, **Guoxian Song**, Zhongyuan Liu, Lei Yu,Ligang Liu.

LANGUAGES AND SKILLS

English:	IELTS 7.0	Code:	C++, Python, CUDA
Chinese:	Mothertongue	Github:	https://github.com/GuoxianSong
Japanese:	N4	Pattern:	2 Singapore pattern and 1 US pattern