

Wanchao Su

M6024, Run Run Shaw Creative Media Center,
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<https://ansire.github.io>

RESEARCH INTERESTS

Sketch-Based Generation User Interactivity Image Processing Geometric Modeling

EDUCATION

City University of Hong Kong

Hong Kong, China

Doctor of Philosophy in Creative Media

September 2016 – Summer 2021 (Expected)

Supervisor: Professor Hongbo Fu

Research Topic: Interactive Sketch-Based Image Synthesis with Deep Generative Networks

Dalian University of Technology

Dalian, China

Bachelor of Science in Information
Management and Systems

September 2012 – June 2016

EXPERIENCE

Tsinghua University

Beijing, China

Visiting Student at Department of Computer Science and
Technology

February 2020 – July 2020

Chinese Academy of Sciences

Beijing, China

Research Intern at Institute of Computing Technology
Advisor: Dr. Lin Gao

December 2019 – January 2020

SELECTED PUBLICATIONS

DeepFaceDrawing: Deep Generation of Face Images from Sketches

Shu-Yu Chen*, **Wanchao Su*** (joint first author), Lin Gao, Shihong Xia, and Hongbo Fu. *ACM Transactions on Graphics (TOG)*. 2020 Jul 8;39(4):72-1. (*Proceedings of SIGGRAPH 2020*)

ARAnimator: In-situ Character Animation in Mobile AR with User-defined Motion Gestures

Hui Ye*, Kin Chung Kwan*, **Wanchao Su**, and Hongbo Fu. *ACM Transactions on Graphics (TOG)*. 2020 Jul 8;39(4):83-1 (*Proceedings of SIGGRAPH 2020*)

Interactive Sketch-Based Normal Map Generation with Deep Neural Networks

Wanchao Su, Dong Du, Xin Yang, Shizhe Zhou, and Hongbo Fu. *Proceedings of the ACM on Computer Graphics and Interactive Techniques*. 2018 Jul 25;1(1):1-17. (*Proceedings of i3D 2018*)

Sketch2normal: Deep Networks for Normal Map Generation

Wanchao Su, Xin Yang, and Hongbo Fu. *In SIGGRAPH Asia 2017 Posters 2017 Nov 27 (pp. 1-2)*

Real-Virtual Fusion Model for Traffic Animation

Xin Yang, **Wanchao Su**, Jian Deng, Xiaogang Jin, Guozhen Tan, and Zhigeng Pan. *Computer Animation and Virtual Worlds*. 2017 November, 28(6):e1740.

AWARDS

Runner-Up for the Open-Source Software Award
Research Tuition Scholarship 2018/19
Best Paper Award (Second Place)

CAD&CG, CCF
City University of Hong Kong
VRCAI 2015

SERVICES

Paper Reviewing
Volunteering Work

Eurographics 2020, TOMM, Pacific Graphics 2020
Pacific Graphics 2018

TEACHING

CS1103	Introduction to Media Computing	Teaching Assistant	2017/18 Semester A
SM4701	Graduation Thesis/Project	Teaching Assistant	2017/18 Semester B
SM2716	Physical Computing and Tangible Media	Teaching Assistant	2018/19 Semester B

MEDIA COVERAGE

NewScientist	Gigazine	iProgrammer	engadget	HITECHER
Synced	bitfinance.news	Notizie.AI	PetaPixel	Medium
Hong Kong Economic Journal		TechNews	Tencent	IFENG

SKILLS

Languages	Mandarin Chinese (Mother Tongue), English (Fluent), Cantonese (Competent)
Development	Python, MATLAB, Tensorflow, PyTorch, Caffe

REFEREES

Hongbo Fu	Professor	<i>Supervisor, Qualifying Panel Chair</i>	hongbofu@cityu.edu.hk
		School of Creative Media, City University of Hong Kong	
Lin Gao	Associate Professor	<i>Advisor</i>	gaolin@ict.ac.cn
		Institute of Computing Technology, Chinese Academy of Sciences	
Miu-Ling Lam	Associate Professor	<i>Qualifying Panel Member</i>	miu.lam@cityu.edu.hk
		School of Creative Media, City University of Hong Kong	