Weihao Qiu

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EDUCATION

Expected 2023	University of California, Santa Barbara (UCSB) Ph.D in Media Arts and Technology (MAT) (advanced to candidacy in 03/2022) Research Focus: Deep Image Synthesis, Motion Synthesis, Data Visualization
2018	University of California, Santa Barbara (UCSB) M.S. in Media Arts and Technology (MAT) Emphasis: Interactive Installations, Data Visualization, Computational Photography
2015	Xi'an Jiaotong University, Xi'an, China (XJTU) B.E. in Internet of Things (IoT) Engineering

EXHIBITIONS

2021	*Abstract Oracle Miner 0009328437*, The Long Cut, Ferafile, Online NFT (collaboration with Guo Cheng)
2019	*HSL Transformation*, SYSMADES, 2019 MAT End of Year show, UCSB
2018	*Machinery Interference*, Xcelerator Super Collision, Times Art Meseum, Beijing (collaboration with Rodger Luo)
2018	*Chameleon*, Invisible Machine: 2018 MAT End of Year Show, UCSB
2018	*Exposure & Light*, the Wolf Museum of Exploration + Innovation (MOXI), Santa Barbara
2017	*The Ripples*, Rehabituation: 2017 MAT End of Year Show, UCSB
2016	*Inspection*, Experimental Visualization Lab, UCSB
2016	*Exposure & Light*, White Noise: 2016 MAT End of Year Show, UCSB

PUBLICATIONS

2018	Chong Huang, Fei Gao, Jie Pan, Zhenyu Yang, Weihao Qiu, Peng Chen, Xin Yang, Shaojie Shen, and Kwang-Ting (Tim) Cheng, "*An Autonomous Drone Cinematography System for Action Scenes*" in IEEE International Conference on Robotics and Automation (ICRA), Brisbane, Australia, 2018

WORKSHOPS

2017	*Boundless World: the Thinking and Speaking of Robots*, China Central Academy of Fine Arts (CAFA), Beijing

THESIS

2018	Master Thesis, *"Chameleon:* A toolkit for making dynamic computer graphics on multi-monitor displays with distributed GPU architecture*",* UCSB
2015	Bachelor Thesis, "Research and Implementation of Defect Detection for Industrial Image Based on Multi-scale analysis", advisor: Dr. Yuanqi Su, XJTU

GRANT AWARDS

12/2021	HEERF Grant, UCSB, US$ 1,100
03/2022	HEERF Grant, UCSB, US$ 1,100
06/2017	Block Grant, Media Arts and Technology, UCSB, US$ 3,500
06/2014	Siyuan Scholoarship, XJTU, CN¥ 1,000
06/2013	Siyuan Scholoarship, XJTU, CN¥ 1,000
06/2012	Pengkang Scholarship, XJTU, CN¥ 5,000

HONOR AWARDS

06/2015	Outstanding Bachelor Thesis, XJTU
06/2015	Outstanding Graduate Award, XJTU
06/2012	Best Videographer of the Year, XJTU

SKILLS & INTERESTS

Programming	Python, PyTorch, C++, TouchDesigner, Grasshopper, Processing, Javascript, Arduino, Raspberry Pi, Swift (iOS), Unity 3D, Unreal, GLSL, MySQL, etc.
Software	Photoshop, Final Cut Pro, Rhino, Blender
Interests	Photography, 3D Printing & 3D fabrication, Camera Repair

PROFESSIONAL EXPERIENCE

1/2017 - present	Teaching Assistant, Film & Media Studies, Media Arts and Technology, and Physics Dept. in UCSB, Santa Barbara
06/2022-09/2022	Research & Development Internship, Nexus Studios, Los Angeles
06/2019-12/2021	Creative Programming Instructor, HelloUp Education Company
06/2020-09/2020	Creative Programming Instructor, Chronus Art Center, Shanghai
06/2018-08/2018	Exhibition Internship, Currents New Media Arts Festival, Santa Fe
03/2017-06/2017	Web Developer, Dept. of Media Arts and Technology (MAT), UCSB
03/2016-01/2017	Creative Photographer, Recreation Center, UCSB
08/2016-09/2016	Artist Internship, Chronus Art Center, Shanghai
06/2015-09/2015	Web Development Intern, Jihe Up Technology Co., Beijing
09/2011-09/2013	Videographer, Student Television, XJTU

TEACHING EXPERIENCE

F 2019 - present	Teaching Assistant, Basic Film Production(FAMST 104), Dept. of Film and Media Studies, UCSB
2019 - 2021	Curriculum Designer and Instructor, Creative Coding with Programming, Online with HelloUP and Chronos Art Center
W 2020 & W 2021	Teaching Assistant, Information Visualization(MAT 259), Dept. of Film and Media
F 2018	Teaching Assistant, Digital Audio Programming(MAT 240C), Physics Dept., UCSB
F 2017	Academic Reader, Basic Programming (ENGR 3), Engineering Dept., UCSB
Summer 2017	Teaching Assistant, Physics Experiments (PHYS 4L), Physics Dept., UCSB
S 2017	Teaching Assistant, Digital Audio Programming (MAT 240A), Dept. of MAT, UCSB
W 2017	Teaching Assistant, Physics Experiments (PHYS 6L), Physics Dept., UCSB