

FANGQING HE

301 3rd Ave, New York, NY 10010 | +1(929) 405-7776 | fh805@nyu.edu | quinnhe.github.io/

EDUCATION

New York University Shanghai, B.A. Interactive Media Arts, 2020
B.S. Computer Science, 2020

RESEARCH

Research Paper, *International Symposium on Computational Media Art (ISCMA) 2019* 1/2019

- Published paper on anonymous identity visualization and interactive arts representation
- Presented paper on ISCMA Conference 2019, "Identity and Representation" Session

Research Assistant, *NTSI-LAB NYU Abu Dhabi*

- Designed & creative-coded "Desert", a projected interactive wall for *Museum of the Future Dubai* using Processing, openFrameworks, P5.js 9/2018-12/2018
- Developed virtual sand math model integrated with a wind system to simulate desert movements
- Detected human motion using Kinect V2 and created Kinetic Interface to enable human interactions with the virtual sand system

EXPERIENCE

Creative Technologist, *Dentsu Beijing* 5/2018-9/2018

- Created digital innovation advertisement plans for Lay's, KFC, Shiseido, Pocky Glico, KATE, Weichuan, Master.Kong, Dongfeng Venucia including:
 - Immersive projection light show
 - Interactive Vending Machine
 - Interactive H5
 - AR Alipay Mini-programs
 - 3D Holographic Projection
- Designed IMC layouts using Photoshop, Illustrator
- Designed presentation proposals using Keynote, PPT

Learning Assistant, *Interaction Lab NYU Shanghai* 1/2018-6/2018

- Instructed students in developing projects utilizing laser-cut, 3D printer, Kinect, Leap Motion, Arduino, Processing, P5.js including:
 - Digital farming project
 - Interactive animation project
 - Simple drawing machines
 - Traffic light Simulator

Digital Designer, *Infinite Newborn Art Exhibition* 2/2018-3/2018

- Designed digital/printed promotion posters using Photoshop, Illustrator for sponsors including SMG (Shanghai Film, Radio & TV Production Ltd.), the MIXC, NYU Shanghai
- Created promotion videos using Premiere for the public opening ceremony
- Edited and drafted promotion articles for news media including Sohu, Tencent and NetEase

Digital Media Designer, *TerraCycle*

- Designed promotion posters for recycling programs using Photoshop, Illustrator including: 6/2017-12/2017
 - Colgate Oral Care Recycling Program
 - L'ORÉAL Personal Care and Beauty Recycling Program
- Created and published company's promotion articles and posters on WeChat, Weibo

EXHIBITIONS

2018, *Meet · Emergency*, Shanghai

2018, *Fantastic Plastic*, Abu Dhabi

2018, *"the womanhood project"*, Abu Dhabi

2018, *NYU Abu Dhabi IM Show*, Abu Dhabi

2018, *NYU Abu Dhabi Art Center Open Studios*, Abu Dhabi

2018, *Infinite Newborn*, Shanghai

2017, *NYU Shanghai IMA Show*, Shanghai

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SKILLS

Computer Language

Processing, JavaScript, C++, Python, Java, C, HTML, CSS, WebGL, Objective-C, Pandas, MySQL, Viterbi Algorithm

Human Language

Fluent in English and Mandarin. Familiar with Korean

Software

Microsoft Office, Adobe Photoshop, Adobe Fuse, Adobe Premiere, Unreal