



Name: Xinyao Wang
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Skill

Programming

Focus on creative code. Strong family in simulation, image-processing, and motion capture.

Proficient

Unity(C#)
Javascript
Rest API

Familiar

Cinder(c++)
openFrameworks (c++)
Node.js
Processing(Java)

Physical Computing

Focus on interaction
Strong execution and patience in prototype and building installation.

Proficient

Audrino
Basic Circuit Design

Multimedia

Proficient

Kinect
Projection Mapping
Unity
Rhinoceros
KeyShot
Adobe Creative Suite

Medium

Max MSP

Design Methods

Design Thinking
User Research
Psychological Experiment Design

Fabrication

3D Printing
Laser Cutting
Woodshop

Education

New York University Tisch School of the Arts Candidate for MPS in Interactive Telecommunications Program	09/2015-06/2017
Zhejiang University BS Psychology and Behavioral Science BEng Industrial Design in International Design Institute	09/2011-06/2015
Singapore University of Technology and Design Student Exchanges, Engineering Product Development	09/2013-12/2013

Experience

Design Technologist Artificial Intelligence Center, Samsung Research America Research, Design and Prototype	09/2018-now
Creative Technologist Internship Science Bulletins, American Museum of Natural History 360 video in VR, Interactive Installation for Dark Universe Space Show Preshow Area.	06/2017-08/2017
Engineering Internship 3LD Art &Technology Center Creative code for 3/fifths show, Whip simulation, Computer Vision.	04/2017-06/2017
Teaching Assistance Integrated Digital Media / ITP, New York University Taught weekly in Motion Capture Lab.	09/2016-12/2016
Creative Technologist Smoke & Mirrors Collaborative Cooperate with HashtagProject, interactive game.	08/2016-01/2018

Award

ITP Stipend Award for XStory Participation	04/2017
Graduate Student Annual Scholarship, Tisch School of theArts	09/2015-05/2017
JASSO Scholarship, Asia Nine Universities Summer Joint Design Workshop	07/2014
2nd Prize in ZJU 4th Industrial Design Competition	12/2013
3rd Prize in ST Aerospace Seat Design Competition	11/2013
Red Dot Award	09/2013
2nd Prize in National College Art Performance, Group Dance	10/2011

Exhibition

Transmediale Festival, Berlin Hashtag Project (Interactive operatic show)	02/2018
The Expanded Cinema, Made in NY Media Center FMDreamland (Sound interactive storytelling)	04/2017
Big Screen, IAC Building FMDreamland (Sound interactive storytelling)	12/2016
Pop Up Window Display Clockbird (Windows display installation)	11/2016
Matter of Facts, Center for Performance Research An immersive, multi-media dance performance	06/2016
Morph, Tisch Dance MFA 2 Concert Kinect Installation(Projection Mapping, Motion Capture)	2015-2016