YIYI SHAO

Maker | Developer | Designer

ABOUT ME

Hello! My name is Yiyi, I am a multi-disciplinary designer who is capable of working with a wide range of digital media, design skills and programming tools to make complex problems into simple solutions.

EXPERIENCE

Sep 2019 - Present

Developer, Wapatah Centre for Indigenous Visual Knowledge, OCAD University
Toronto, Canada

• Front-end development of the VPIA (Virtual Platform for Indigenous Art) using React, Bootstrap, HTML and CSS.
• Rapidly iterate on the development of prototype based on input from UX designer, stakeholders and user studies.
Bugs fixing and researching on new features.

Oct 2018 - Dec 2019

Research Assistant, Adaptive Context Environments (ACE) Lab, OCAD University
Toronto, Canada

• Developed Mixed Reality system to work with IoT devices on Mesh Network.
• Analyze, evaluate and document data during research, helped to write a paper that was selected for FNC 2019.
• Assisted lab director Dr. Alexis Morris's research project on Human-computer Interfaces and relationship between users and technologies in Mixed Reality.

Jan 2018 - Dec 2019

Research Assistant, Social Body Lab, OCAD University
Toronto, Canada

• Developed functional wearable prototypes, demonstrated for lab visitors.
• Developed alternative e-textile game controllers as teaching materials to demonstrate at three 20+ person workshops in partnership with Dames Making Games at Toronto Media Arts Centre.
• Assisted lab director Dr. Kate Hartman's research projects on encasing and body-centric computation.

Feb 2017 - Aug 2017

Teaching Assistant, Roy Ascott Technoetic Arts Studio, Detao Masters Academy
Shanghai, China

• Taught two classes of sophomore and third-year undergraduate students the basics of technology and media design including Virtual Reality development, 3D modelling and 3D interactive animations.
• Supervised students with one-on-one meetings for their personal development.
• Helped in organizing the semester exhibition at Shanghai Institue of Visual Art.

CONTACTS

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github.com/Yiyis

EDUCATION

MDes Digital Futures
OCAD University
Toronto, Canada
Graduated May 2019
DF "Best Project" Award

BA (Hons) Digital Arts & Technology
University of Plymouth
Plymouth, United Kingdom
Graduated June 2016
First Class Honors

BA Arts & Design
Shanghai Maritime University
Shanghai, China
Graduated June 2017

SKILLS

Programming skills:
HTML, CSS, SASS, React, Bootstrap, C#, C++, JavaScript, JQuery, NodeJS , Python, Bash/Shell, MySQL

Design skills:
Adobe Creative Suite, Unity3d, Blender3d, Cinema4d, Maya, ARKit, ARCore, Github, Wordpress, Sketch

Design strategy:
Concept Development, User Research, User Testing, Research through Design, Data Visualization, Wireframing, Agile Design

PROJECTS

RABBOT
A three-player AR/VR game using motified GearVR headset and iPads.

DreamWorld AR
An experimental AR project focusing on UI/UX design.

MAI
An interactive eco-art installation visualizing air pollution in Shanghai.