



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.
- Jan 2018 - Present     **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 five 15+ 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.
- 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.
- 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 Institute of Visual Art.

## CONTACTS

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-  [github.com/Yiyis](https://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 modified 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.