

# Wenhui Zhao.

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## Experience

### Product Engineer / Hangzhou AIMS

Mar 2019 - April 2019, Hangzhou, China

- Conducted industrial research and gained insights about the market.
- Analyzed competitive products and extracted the features into mind maps.
- Used Axure to produce the prototype of the product.
- Collaborated to make the standard design rules of a data system.

### Database Engineer / International Maritime Organization

Jan 2019 - Feb 2019, London, United Kingdom

- Conducted office internal research to understand users' needs.
- Used SQL to filter and process the data in the database.
- Created interactive employee's working timesheets using SQL Server Reporting Service (SSRS) and SharePoint.
- Applied Agile Development methodology to create the final product.

## Projects

### Creatures - A Brand New Digital Recycle System Prototype

- Conducted sketching, storyboarding, competitive analysis, personas, QCC and other methods to help discover the users' needs and focus the product features.
- Designed and prototyped a smart trash bin app and a mobile app by using iterative design principles.

### Xtraction Point - A Co-operative Action Adventure Game

- Designed the main characters and all the animations by using Photoshop and Unity.
- Assisted in programming the game mechanism and character behaviors using C#.
- Designed the story and integrated the game into final product.
- Won high prizes in the game showcase and was recommended by the advisor to the game platform Steam and game related conference like GDC.

### 3D Interaction VR World Using A-frame & Unity

- Used A-Frame to make a 3D cartoon patient room and applied the physical systems.
- Created and coded a bonfire world in Unity using Mixed Reality Toolkit.

### Space Traveler - A Website Leads You To The Universe

- Used HTML/CSS to create a website that shows the cockpit inner structure and landscape on different planets.
- Used normal Javascript and Three.js to make the interactions.

## Education

### University of Michigan

April 2021, USA

Master of Science in Information

GPA 4.00 / 4.00

### Shanghai Jiao Tong University

Aug 2020, China

Bachelor of Science in Electrical & Computer Engineering

GPA 3.65 / 4.00

## Skillsets

### Design

Sketch • Photoshop • Unity  
Illustrator • InVision • Axure

### Code

HTML/CSS • Javascript • Three.js,  
React.js • C/C++/C# • Python  
Flask • Django

## Awards

### First Prize

Ann Arbor Turkey Game Jam

### Merit Student

Shanghai Jiao Tong University

### Sunshine Scholarships

Shanghai Jiao Tong University

## Leadership

### Director

Career Department of Student  
Union of UM-SJTU Joint Institute.