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🏠 yiyaohe.com

📍 Shanghai, China

SUMMARY

I am an interdisciplinary researcher and performance producer interested in examining how technology performs and how people perform technology through both live performance production and computational system prototypes.

EDUCATION

Beijing Normal University

Zhuhai, China

B.S. in Accounting

2024-2026 (expected)

Thesis: A Study on the Impact of Digital Strategy Disclosure on the Social Value and Public Accountability of Digital Entertainment Enterprises (in progress)

Shanghai Theatre Academy

Shanghai, China

B.A. in Arts Management

2020-2024

Thesis: A Study on Audience Experience in Digital Theatre from the Perspective of Service Design

Shanghai Jiao Tong University

Shanghai, China

Bachelor-Minor Certificate in Science and Engineering

2022-2024

Core Coursework: Data Structure and Algorithm Analysis, Programming Foundations

RESEARCH EXPERIENCE

Towards a Dramaturgical Paradigm of Human-AI Interaction*

Researcher, In collaboration with Prof. Xiaosong Wu and Dr. Yun Wang

06/2025-Present

Developing a dramaturgical model that reimagines Human-AI Interaction through the relationship between directors and actors, examining how theatrical notions of rehearsal, intention, and responsiveness can reshape understandings of agency and collaboration in AI systems.

**Short paper under review for ACM CHI '26 (Poster Track).*

**Full manuscript in preparation for submission to MISQ.*

Effects of Online Mentorship on Rural Children's Cognitive Abilities*

Research Assistant, Advised by Prof. Hongru Tan

10/2024-Present

Conducting ethnographic user research within an online mentorship program, investigating interactional patterns and behavioral outcomes to understand how digital communication mediates educational collaboration across social and spatial divides.

**Having completed the development of the online mentorship platform, currently preparing for field implementation in rural Chinese schools for the next phase of the study.*

PERFORMANCE PROJECT EXPERIENCE

Performance Production

*The Adventures of PinyinCat**

Beijing & Shanghai, China

Producer, Tianqiao Performing Arts Center & JieJieLe Arts Center

2023

Produced an interactive children play that integrated theatrical dramaturgy with educational design, innovating cross-sector collaboration between theatre, publishing, and pedagogy to transform phonetic learning into embodied performance.

**Sponsored by the Traditional Renewal Program of Beijing Tianqiao Performing Arts Center, granting production support and performance opportunity at one of China's leading theatres.*

*Hua Mulan**

Shanghai, China

Executive Producer, New Space Theatre

2021

Reinterpreted a traditional glove puppetry classic through interdisciplinary collaboration, integrating inherited craftsmanship with contemporary stage design to revitalize cultural heritage for modern audiences.

**Sponsored by the 31 Young Creator Program of Shanghai Newbund 31 Art Foundation, providing a 20,000 RMB production grant.*

WHO HAS STOLEN MY SLEEP

Shanghai, China

Business Assistant, Duanjun Theatre

2020

Supported ticketing management for a original drama, coordinating audience services and ticket workflows to ensure smooth performance execution.

Stage Management

Oklahoma!

Shanghai, China

Assistant Stage Manager, Experimental Theatre at STA

2021

Coordinated real-time stage operations during performances, synchronizing technical cues and performer movements to sustain precise pacing and live execution with over 50 cast and crew members.

Thoroughly Modern Millie

Shanghai, China

Assistant Stage Manager, Experimental Theatre at STA

2021

Managed rehearsal scheduling and interdepartmental communication, maintaining detailed cue sheets and stage logs to ensure coherent coordination across directing, design, and technical teams.

Qinqgulu

Shanghai, China

Stage Manager, New Space Theatre

2021

Oversaw pre-performance setup and post-performance transitions, integrating onstage and backstage workflows to support the seamless execution of a small-scale original drama.

Scenography & Design

Xueyuan Shanghai, China
Prop Designer, Duanjun Theatre 2021
Designed and crafted stage props in collaboration with the director and scenographer, translating aesthetic concepts into functional material forms.

Betrayal Shanghai, China
Assistant Sound Desinger, New Space Theatre 2021
Composed and executed live sound cues throughout rehearsals and performances, shaping rhythm and atmosphere in alignment with the director's visual and emotional design.

COMPUTATIONAL & ENTREPRENEURIAL PROJECT EXPERIENCE

AudienceSense Beijing, China
System Prototype Designer 2025
Designed a full-stack AI system for audience data analysis, integrating quantitative modeling with interactive visualization to address decision-making challenges in performing arts management.

Liyun Street* Zhuhai, China
User Experience Designer & System Prototype Co-designer 2024-2025
Designed an online platform supporting remote mentorship, developing interaction models and leading multi-round feature iterations to address structural challenges in rural education.
**Software copyright registered (2025).*

CHUSHI* Shanghai, China
Co-founder & Product Designer 2021-2024
Founded a creative incubation platform for emerging designers, uniting product design, cultural entrepreneurship, and strategic management to transform artistic ideas into viable enterprises.
Awarded **Third Prize and 10,000 RMB funding in the Shanghai Theatre Academy Entrepreneurship Competition for innovative platform design and sustainable cultural incubation.*

ARTISTIC SERVICE

Shanghai Grand Theatre Shanghai, China
Art Volunteer* 2021-2022
Facilitated audience engagement and theatre education programs through performance guidance and public introductions.
Awarded **Annual Excellent Art Volunteer.*

China Shanghai International Arts Festival Shanghai, China
Production Volunteer* 2021
Supported production coordination for the *Young Artists Showcase*, assisting troupes in technical setup and promoting emerging artists' works within institutional and community contexts.
Awarded **Excellent Student Volunteer.*

HONORS & CERTIFICATES

Scholarship & Awards

<i>Professional Scholarship</i> , Beijing Normal University	2025
<i>Comprehensive Scholarship</i> , Shanghai Theatre Academy	2020-2024
<i>Third Prize (top 3%)</i> , National RAICOM Robot Developer Competition	2025
<i>Third Prize (top 5%)</i> , National English Competition for College Students	2023

Professional Certificates

<i>Licensed Performing Arts Agent</i> , China Association of Performing Arts	2023
<i>Securities Qualification Certificate</i> , China Securities Association	2021

SKILLS

Languages

Mandarin Chinese (Native), English (Fluent), Cantonese (Fluent)

Design

Adobe Suite (Ps, Pr, Ai, Au, Ae), Figma, TouchDesigner, QLab, Isadora

Programming

Python, C/C++, HTML/CSS/JavaScript, ~~La~~TeX