

# Yufeng Wang

📍 Hangzhou, CHN    ✉ wyufeng@zju.edu.cn    ☎ +86 13157193786    💼 [linkedin.com/in/yufeng-wang-0618yf/](https://www.linkedin.com/in/yufeng-wang-0618yf/)    🌐 [wcsbsy111.github.io/yufeng\\_web/](https://wcsbsy111.github.io/yufeng_web/)    🔗

## Summary

Highly motivated and innovative Industrial Designer with a strong academic background in Human-Computer Interaction, fabrication, and Human-Robot Interaction. Experienced in designing and prototyping interactive systems, developing novel material-based interfaces, and conducting systematic research on large language models in HRI.

## Education

### Zhejiang University

Sept 2022 – June 2026

Major in Industrial Design, College of Computer Science and Technology

Minor in Undergraduate of Public Administration, Chu Kochen Honors College

- **GPA:** 3.96/4.0 (4.08/4.30); **Rank:** 3/46
- **Relevant Coursework:** Information and Interaction Design Technology (4.8/5.0); Information Product Design (4.5/5.0); Computer Graphics (4.5/5.0); Cross-media Data Visualization (4.8/5.0); User Experience and Product Innovation Design (5.0/5.0); Entity, Structure and Manufacturing (4.8/5.0); Social Innovation Design (5.0/5.0); Design Thinking and Expression (4.8/5.0)

## Research Experience

### ARK Lab, The Hong Kong University of Science and Technology (GZ)

Guangzhou, CHN

Research Intern Supervised by Prof. Xin Tong and Chongyang Wang

June 2025 – Sept 2025

- Conducted a systematic literature review on 86 peer-reviewed papers exploring Large Language Models (LLMs) in Human-Robot Interaction (HRI).
- Analyzed and systematically categorized the diverse LLM-driven impacts in HRI research.
- Developed a conceptual taxonomy to summarize emerging opportunities and key challenges for both newcomers and experienced researchers in the field.
- My contribution: Involved in topic selection, paper screening, manuscript writing, figure creation, and final submission of the CHI 26 paper.

### Guanyun Lab, International Design Institute

Hangzhou, CHN

Research Intern Supervised by Prof. Guanyun Wang

Mar 2024 – June 2025

- Explored the application of foam materials in natural interaction and interactive interfaces.
- Proposed and developed lattice-structured fabrication methods to achieve uniform foam expansion and customizable stiffness.
- Validated the approach through 300+ experiments, enabling larger and customizable foam-based interactive products while significantly reducing individual fabrication costs.
- My contribution: Helped define the research direction, conducted experiments (e.g., pillow and game board applications), and contributed to manuscript writing. [Project website](#) 🔗.

### Student Research Training Program, Zhejiang University

Hangzhou, CHN

Participant Supervised by Prof. Ning Zou

Mar 2024 – Apr 2025

- Researching intelligent interaction design for children with developmental dyscalculia to create engaging, user-friendly educational tools.
- Developing interactive solutions that combine physical and digital elements to support mathematical learning and cognitive development.
- Validated the approach through usability testing with 10+ children and educators, achieving a 12% improvement in learning engagement scores.
- My contribution: Developed product prototypes, conducted user studies, and designed UI interactions.

## Practical Experience

---

### The 2024 Campus Asia Plus Summer Workshop, Yonsei University

Seoul, KOR

Participant

Aug 2024


- Collaborated with peers from Chiba University, Yonsei University, KMUTT and SK Telecom to design inclusive solutions for visually impaired individuals, promoting accessibility design in urban environments.
- Designed an ear-worn wearable device for the visually impaired, facilitating makeup application and enhancing self-confidence while reducing dependency on others.
- Engineered a customizable device that allows visually impaired users to create personalized makeup looks, contributing to self-expression and social engagement in various environments.

### The 2024 Campus Asia Social Design Workshop, Zhejiang University

Hangzhou, CHN

Participant

July 2024

- Collaborated with peers from Chiba University, Yonsei University, KMUTT, and Alibaba Design to explore AI-assisted art therapy for enhancing mental health and facilitating emotional healing.
- Developed *Unconscious Mind and Memory* concept, enabling users to externalize ephemeral memories into tangible artifacts via an AI-assisted drawing app and support platform.
- Designed a holistic user experience that transforms abstract subconscious emotions into shareable visual narratives, promoting reflection, self-expression, and emotional well-being.
- Awarded **Most Inspiring Design** at the workshop; [Project Report](#) .

### Zijin'Gang Gymnasium, The 2022 Asian Games

Hangzhou, CHN


Audience Service Volunteer

Sept 2023 – Oct 2023

- Efficiently distributed event materials to spectators, enhancing their experience and ensuring a smooth event flow.
- Expertly guided audiences to their seats, managing crowd control and maintaining a safe, orderly environment during the Games.

## Academic Papers

---

- **Y. Wang**, Y. Xu, A. Nikolova, Y. Wang, J. Wang, C. Wang, X. Tong. How Do We Research Human-Robot Interaction in the Age of Large Language Models? A Systematic Review. Under review for *CHI '26*.
- G. Wang, H. Chen, **Y. Wang**, S. Li, Y. Tao, F. Qi, L. Cao, X. Jin, Y. Tao, J. Li. GyFoam: Fabricating Lat-tice Foam with Customizable Stiffness through Uniform Expansion. In The 38th Annual ACM Symposium on User Interface Software and Technology (*UIST 2025*). DOI: [10.1145/3746059.3747785](https://doi.org/10.1145/3746059.3747785) .

## Honors and Awards

---

**First-Class Scholarship** (Top 3% of applicants), Zhejiang University 2023

**Second-Class Scholarship** (Top 8% of applicants), Zhejiang University 2024

**First Prize** (Rank Top 1), Zhejiang University Industrial Design Competition 2024

**Gold Medal** (Rank Top 2), Zhejiang International College Students' Innovation Competition 2024

**Additional Honors:** University Excellence Award, National Encouragement Scholarship, Zhejiang University Alumni Heartfelt Scholarship, Model of Academic Excellence, Model of Social Service, Model of Volunteer Service, Model of Innovation and Entrepreneurship, Five-Star Volunteer, Excellent Design Award (2024 Zhejiang University and NetEase Joint Course: Service Innovation Design), Most Inspiring Design (2024 Campus Asia Social Design Workshop), Third Prize (Energy Conservation and Emission Reduction Competition).

## Skills and Certifications

---

**Design Software:** PS, AE, PR, AI, Rhino, Blender, Keyshot, Figma, Unity, Maya

**Prototyping and Development:** Arduino, ESP32, STM32

**Programming and Data Analysis:** C, C++, Python, HTML, CSS, SPSS, Tableau

**Language:** Mandarin (Native), English (Fluent)

**Certifications:** CET-4 641, CET-6 555, TOEFL 94 (R 26 / L 26 / S 22 / W 20)