YILIN SHAO

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EDUCATION

The Hong Kong Polytechnic University — *01 2026 - Present*
Doctor of Philosophy — Hong Kong SAR
- Recipient of the PolyU Presidential PhD Fellowship Scheme (PPPFS).

Zhejiang University — *09 2022 - 06 2025*
Master of Design Science — Hangzhou, China
- GPA: 3.91/4.00
- National Scholarship, Ministry of Education of the People's Republic of China (2023)
- Relevant Coursework: Design Research, Intelligent Design, Informatics for Design, Integrated Design

Zhejiang University — *09 2018 - 06 2022*
Bachelor of Arts, Product Design — Hangzhou, China
- GPA: 3.89 / 4.00 (Top 10% of cohort)
- Outstanding Graduate, Zhejiang University (2022)
- Relevant Coursework: Design Thinking, Service Design, User Experience Design, Interactive Design and Technology, JAVA

RESEARCH EXPERIENCE

Guanyun Lab & International Design Institute, Zhejiang University — *09 2022 - 06 2025*
Graduate Research Assistant — Hangzhou, China
- Led a cross-disciplinary research team investigating interactive design of edible morphing materials, applying a Research-through-Design methodology to innovate human–food interaction.
- Designed and conducted qualitative and quantitative user studies (observations, interviews, questionnaires, and experiments) to evaluate design concepts and user engagement.
- Identified how shape-changing edible materials enhance children's participation, autonomy, and enjoyment during food-related activities.
- Published peer-reviewed papers in leading HCI journals and conferences, contributing to the emerging field of Human–Computer Interaction by integrating edible material innovation with user experience research.

NEXT Lab, Zhejiang University — *10 2020 - 06 2021*
Undergraduate Research Intern — Hangzhou, China
- Contributed to the project "Lingering Sounds", supporting product concept development and interaction prototyping for music emotion computing applications.
- Developed low-fidelity interaction prototypes using Adobe XD to explore how sound-driven features evoke emotional responses.
- Acquired foundational knowledge of music emotion computing, interaction design workflows, and basic programming through collaborative research practice.

PUBLICATIONS
C=CONFERENCE, J=JOURNAL

Yilin Shao, Boyu Feng, Yingpin Chen, et al. (2023). **EdibleToy: Empowering Children to Create Their Own Meals with a DIY Wafer Paper Kit**. pp. 619-623. In *Proceedings of the 22nd Annual ACM Interaction Design and Children Conference (IDC '23)*. Association for Computing Machinery. 19 June 2023, New York, NY, USA. DOI: 10.1145/3585088.3593883

Guanyun Wang (Tutor), **Yilin Shao**, Boyu Feng, et al. (2024). **Play with Morphing Food: Supporting Children-Food Interaction with an Interactive Cooking Toolkit**. *International Journal of Human-Computer Interaction*, DOI: 10.1080/10447318.2024.2427407

SKILLS

- **Design and Prototyping:** Expertise in user-centered design, Research-through-Design, and cross-disciplinary innovation; proficient with Figma, Adobe Creative Suite (Photoshop, Illustrator, XD) and Generative AI tools
- **Qualitative and quantitative methods:** interviews, observations, questionnaires, experiments, focus groups, data analysis
- **Languages:** Chinese (Native), English (Fluent, IELTS Overall 7)