

# YUYU LIN

Carnegie Mellon University, Human-Computer Interaction Institute

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## EDUCATION

### Carnegie Mellon University

PhD. in Human Computer Interaction

Advisor: Prof. Alexandra Ion

Pittsburgh, USA

Aug. 2022 -

### Stanford University

M.S. in Computer Science (Specialization: Artificial Intelligence)

Stanford, USA

Sept. 2021 – Aug. 2022

### Zhejiang University

M.E. in Design Engineering

Advisor: Prof. Fangtian Ying

Hangzhou, China

Sept. 2018 - Mar. 2021

### Zhejiang University

B.E. in Industrial Design

Hangzhou, China

Sept. 2014 - Jun. 2018

### Stellenbosch University

Summer Program

Stellenbosch, South Africa

Jun. - Jul. 2017

## PUBLICATIONS

Violet Yinuo Han, Abena Boadi-Agyemang, **Yuyu Lin**, David Lindlbauer, and Alexandra Ion. "Parametric Haptics: Versatile Geometry-based Tactile Feedback Devices." Accepted by the ACM Symposium on User Interface Software and Technology. 2023

Gu Jianzhe, **Yuyu Lin**, Qiang Cui, Xiaoqian Li, Jiaji Li, Lingyun Sun, Cheng Yao, Fangtian Ying, Guanyun Wang, and Lining Yao. "PneuMesh: Pneumatic-driven Truss-based Shape Changing System." In *CHI Conference on Human Factors in Computing Systems*, pp. 1-12. 2022.

Guo Jiahao, **Yuyu Lin**, Hongyu Yang, Junwu Wang, Shuo Li, Enmao Liu, Cheng Yao, and Fangtian Ying. "Comparing the tangible tutorial system and the human teacher in intangible cultural heritage education." In *Proceedings of the 2020 ACM Designing Interactive Systems Conference*, pp. 895-907. 2020.

**Lin Yuyu**, Jiahao Guo, Yang Chen, Cheng Yao, and Fangtian Ying. "It is your turn: collaborative ideation with a co-creative robot through sketch." In *Proceedings of the 2020 CHI conference on human factors in computing systems*, pp. 1-14. 2020.

Chen Yang, **Yuyu Lin**, Junwu Wang, Lijuan Liu, Cheng Yao, and Fangtian Ying. "IPANDA: a playful hybrid product for facilitating children's wildlife conservation education." In *Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems*, pp. 1-6. 2019.

Liu Lijuan, Cheng Yao, **Yuyu Lin**, Yang Chen, Ziyu Liu, and Fangtian Ying. "AquaBot: An interactive system for digital water play." In *International Conference on Human-Computer Interaction*, pp. 16-27. Springer, Cham, 2019.

Chen Yang, **Yuyu Lin**, Lijuan Liu, Cheng Yao, and Fangtian Ying. "Shadower: applying shadows to children's outdoor interaction." In *Adjunct Proceedings of the 2019 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2019 ACM International Symposium on Wearable Computers*, pp. 33-36. 2019.

**Lin Yuyu**, Kai Zheng, Lijuan Liu, Yang Chen, Jiahao Guo, Shuo Li, Cheng Yao, and Fangtian Ying. "OlfacEnhancer: A Vision-Based Scented Necklace for Cross-Modal Perception and Olfaction Augmentation." *Design and Semantics of Form and Movement*: 237.

## HONORS, AWARDS, and FELLOWSHIPS

Chiang Chen Overseas Graduate Fellowship, Chiang Chen Industrial Charity Foundation	2021
Outstanding Graduates, Zhejiang Province	2021
National Scholarship (top 0.1%), Chinese Ministry of Education	2015, 2020
Morningside Cultural China Scholars	2016-2018
Outstanding Graduation Design Award, Zhejiang University	2018
Outstanding Award of Scientific Research Training Program, Zhejiang University	2017
1st Prize of Outstanding Humanity & Social Science Research Achievement, Zhejiang University	2016
2nd Prize of National Competition of "Challenge Cup" Academic Science and Technology, China Association for Science and Technology, Ministry of Education, All-China Federation of Students	2015

## Teaching

Teaching assistance. Introduction to Human-Computer Interaction. Stanford University.	2022
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