Yinchu Li

PhD Candidate in Human Computer Interaction | yinchu.li.217@gmail.com | ORCID: 0000-0002-9097-8138

Research Interest

Human Digital Twins, Predictive Health Technologies, Interaction Design, Data-Driven Design.

Education

Eindhoven University of Technology, the Netherlands Oct 2022 – Present

Doctoral candidate in Industrial Design (REDI Dual-PhD Program)

Royal Melbourne Institute of Technology, Australia Oct 2022 – Present

Doctoral candidate in Design (REDI Dual-PhD Program)

Uppsala University, Sweden Sep 2020 – Jun 2022

Master in Human Computer Interaction

Huazhong University of Science and Technology, China Sep 2015 – Jun 2019

Bachelor in Information Management and Information Systems

Experience

Media Coordinator, Utnarm Job Fair – Uppsala, Sweden Sep 2021 – Nov 2021

- Led the creation of visual communication materials, including photography, promotional videos, and posters.
- Supported the coordination of external communication during one of the Sweden's largest job fair.

Research Assistant , Uppsala University – Uppsala, Sweden Jun 2021 – Dec 2021

- Collaborated on a research project exploring interactive systems for physiotherapy.
- Built functional prototypes of wearable and tangible interfaces using Arduino and 3D printing.
- Collected, processed, and analyzed movement data from the design workshops.

System Development Intern, Big Data Lab, Huazhong University of Science and Technology – Wuhan, China Jun 2018 – Jul 2018

- Developed a 3D Virtual Fitting Room system using Unity, Kinect, and C# to simulate clothing try-on experiences.

Publications

Making Predictions Tangible: Using Data Physicalization to Explore Expectations Around Health Predictions 2025 (Accepted)

Yinchu Li, Carine Lallemand, Regina Bernhaupt
In Proceedings of the 20th IFIP TC 13 International Conference on Human-Computer Interaction (INTERACT 2025)

Towards Personalized Physiotherapy through Interactive Machine Learning: A Conceptual Infrastructure Design for In-Clinic and Out-of-Clinic Support 2025

Laia Turmo Vidal, Annika Waern, Rosa Cabanas-Valdés, Lauren van Loo, Yinchu Li, Karthik V. Meenaakshisundaram
In Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI 2025), Article 670, 1–19. https://doi.org/10.1145/3706598.3713823

Towards Advancing Body Maps as Research Tool for Interaction Design 2023

Laia Turmo Vidal, Yinchu Li, Martin Stojanov, Karin B. Johansson, Beatrice Tylstedt, Lina Eklund
In Proceedings of the 17th International Conference on Tangible, Embedded, and Embodied Interaction (TEI 2023), Article 20, 1–14. https://doi.org/10.1145/3569009.3573838

Reimagining Machine Learning's Role in Assistive Technology by Co-Designing Exergames with Children Using a Participatory Machine Learning Design Probe 2023

Jared Duval, Laia Turmo Vidal, Elena Márquez Segura, Yinchu Li, Annika Waern
In Proceedings of the 25th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS 2023), Article 33, 1–16. https://doi.org/10.1145/3597638.3608421

Awards

Marie Skłodowska-Curie Fellowship, REDI Doctoral Program
Funded by the EU Horizon 2020 Marie Skłodowska-Curie Actions, Grant Agreement No. 101034328

Outstanding Graduate 2019, Huazhong University of Science and Technology