

Zhiping(Arya) Zhang

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[Google Scholar](#)

Research Interests HCI, Privacy, Responsible Technology, Research through Design

Education **Ph.D. student in Computer Science** Boston, MA
Northeastern University (NEU) Sept 2024 - present
Supervisor: Dr. Tianshi Li

M.Sc. in Industrial Design (HCI Track) Eindhoven, Netherlands
Eindhoven University of Technology (TU/e) Sept 2018 - Aug 2020
Supervisor: Dr. Emilia I. Barakova

B.Eng. in Industrial Design China & UK
Dual degree, First Class Honours, Top 1 Sept 2014 - Jul 2018
University of Liverpool (UoL), Xi'an Jiaotong-Liverpool University
Supervisor: Dr. Martijn ten Bhömer

Awards & Activities IF Design Award Winner, 2024
Reddot Award Winner 2023
IF Talent Award Winner 2020
Alibaba High-level Talents Scholarship (¥100,000) 2020
Dutch Design Week Exhibitor 2018
China-U.S Young Maker Competition Final Excellence Award 2018
Best Overall Academic Performance (Top 1) 2018
Academic Achievement Award Scholarship (Top 5%) 2017
Academic Excellence Award Scholarship (Top 10%) 2016
COMAP's Interdisciplinary Contest in Modeling - 2016
Achievement Meritorious Winer (Top 5%)

Peer-reviewed
conference and
journal papers [C.3] **“It’s a Fair Game”, or Is It? Examining How Users Navigate
Disclosure Risks and Benefits When Using LLM-Based
Conversational Agents**
*Zhiping Zhang, Michelle Jia, Hao-Ping (Hank) Lee, Bingsheng Yao, Sauvik
Das, Ada Lerner, Dakuo Wang, Tianshi Li.*
In Proceedings of the CHI Conference on Human Factors in Computing
Systems (CHI '24)

[C.2] Robot role design for implementing social facilitation theory in musical instruments practicing

Heqiu Song, *Zhiping Zhang*, Emilia I. Barakova, Jaap Ham, Panos Markopoulos

In Proceedings of the 2020 ACM/IEEE International Conference on Human-Robot Interaction (HRI '20).

[C.1] Peripheral display for conveying real-time pain condition of persons with severe intellectual disabilities to their caregivers

Zhiping Zhang, Helen Korving, Sterkenburg Paula, Loe MG Feijs, Emilia Ivanova Barakova

In Proceedings of the Ninth International Symposium of Chinese CHI.

SIG/Workshop

[S.1] Human-Centered Privacy Research in the Age of Large Language Models

Tianshi Li, Sauvik Das, Hao-Ping (Hank) Lee, Dakuo Wang, Bingsheng Yao, *Zhiping Zhang*

In Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI '24)

Research Experience

PEACH Lab, NEU

June 2024 - present

Human-Centered AI lab, NEU

May 2023 - present

Led human-centered research on responsible large language models. First-authored paper published in CHI '24.

Social Robotics Lab, TU/e

Feb - June 2019

Worked on social robot for children instrument practicing. Robot role design and behavior programming based on social facilitation theory. Conducted field test with Wo-Z method. Co-authored paper published in HRI'20.

Digital Manufacturing Lab, XJLTU

Jul - Sept 2017

Worked on personalized smart textile biofeedback for yoga guidance. Developed soft electronic fabric prototype based on research.

Community Service

Conference reviewer: CSCW 2024, CUI 2024, TEI 2025

Student volunteer: ASSETS 2024

Industry
Experience

AI Product Manager, Fiture Sept 2021 - Apr 2023
Exploration with cutting-edge technologies for AI-power home gym equipment.
To bridge the gap between algorithm development and real products.
NLP: define and design Voice Assistant with intuitive natural language interactions, system control, course search and recommendation system.
CV: AI coaching mode for fitness. Research and design multimodal interactive system with real-time motion capture technology and action recognition algorithm.

User Experience Design & Research, Alibaba Sept 2020 - Sept 2021
User research and UX design for multi-role collaborative enterprise system.
Intelligent Purchasing Conversational Agent: implement conversational interaction to aid purchasers in pinpointing needs and enhancing their work experience. User satisfaction increased by 22% after launch.

User Experience Intern, Alibaba Summer 2019
User research and design for enterprise intelligent system.

Product Manager Intern, iDreamer 3D Summer 2016
Developed STEM+Art education product (3D printing, smart electronic circuits) to cultivate problem solving capacity and design thinking of 6-12 years old children.