

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 -
Achievement Meritorious Winer (Top 5%) 2016

Peer-reviewed
conference and
journal papers **[C.4] Secret Use of Large Language Models**
Zhiping Zhang, Chenxinran Shen, Bingsheng Yao, Dakuo Wang, Tianshi Li.
In CSCW 2025

[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

Leaded 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, CHI 2025, 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.