Zhiping(Arya) Zhang

Email: arya.zhangpika@gmail.com   **Website:** zhipingzhang.com   Google Scholar

Research Interests	HCI, Privacy, Human-Centered AI Privacy, Responsible Technology

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 Competion 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 Model (LLM)**
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
Worked on human-centered research on language models and language model-based agents.

Human-Centered AI lab, NEU   May 2023 - May 2024
Leaded human-centered research on LLM-based conversational agents. 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.

Commuity Service	Conference reviewer: CHI 2025, TEI 2025, CSCW 2024, CUI 2024, 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.