

Qingyang Wan

✉ Work Email: wanqy23@mails.tsinghua.edu.cn

✉ Permanent Email: wanqy1091@gmail.com

📄 google scholar

🌐 <https://qingyangwan.com>

Education

Tsinghua University

Bachelor of Art in Art and Science (Display Design)

Beijing, China

Started August 2023

- GPA: 3.9/4.0

- Relevant Course: User Interface Design, Design Psychology, Python Programming, Physical Computing, Interactive Display Design

Research Experience

ACE Laboratory, University of Washington

Advisor: Jacob O. Wobbrock

Seattle, America

Feb 2026 – Sept 2026

- My research here explores generative and adaptive user interfaces, focusing on how AI can dynamically shape interactions based on users' preferences, behaviors, and ongoing activities.

Pervasive HCI Laboratory, Tsinghua University

Advisor: Chun Yu and Yuanchun Shi

Beijing, China

Feb 2025 – Present

- My research here spanned a range of HCI projects, including building AI assistants that adapt to individual users' preferences, designing tools that provide parents with different levels of assistance and support reflection on parenting practices, and exploring how robotic dogs can communicate and collaborate with security guards.

The Future Laboratory, Tsinghua University

Advisor: Qi Lu

Beijing, China

Oct 2024 – Mar 2025

- My research here involved prototyping a multimodal display that integrates haptic and olfactory feedback into visual experiences.

Internship

Smartphone Division, Xiaomi

Product Management Intern

Beijing, China

Jan 2025 – Jun 2025

- My work here focused on product planning and interaction design for Xiaomi HyperOS, focusing on the Notification Shade, Control Center, and Xiaomi HyperIsland.

Publications

PACEE: Supporting Children's Personal Emotion Education through Parent-AI Collaboration

Yu Mei, Xutong Wang, Ziyao Zhang, Yiming Fu, Shiyi Wang, Qingyang Wan, Qinghuan Lan, Chang Liu, Jie Cai, Chun Yu, Yuanchun Shi

UIST 2026  <https://arxiv.org/abs/2511.14414>

HiSync: Spatio-Temporally Aligning Hand Motion from Wearable IMU and On-Robot Camera for Command Source Identification in Long-Range HRI

Chengwen Zhang, Chun Yu, Borong Zhuang, Haopeng Jin, Qingyang Wan, Zhuojun Li, Zhe He, Zhoutong Ye, Yu Mei, Chang Liu, Weinan Shi, Yuanchun Shi

CHI 2026  <https://doi.org/10.1145/3772318.3790345>

InterQuest: A Mixed-Initiative Framework for Dynamic User Interest Modeling in Conversational Search

Yu Mei, Yuanxi Wang, Shiyi Wang, Qingyang Wan, Zhuojun Li, Chun Yu, Weinan Shi, Yuanchun Shi

UIST 2025  <https://doi.org/10.1145/3746059.3747753>

Promptile: Recovering and Reusing Prompting Strategies from LLM Interaction Histories

Qingyang Wan, Chang Liu, Zhoutong Ye, Chengwen Zhang, Yanru Qian, Zhike Wang, Jie Cai, Chun Yu, Yuanchun Shi

arXiv  <https://arxiv.org/abs/2610.26485>

Manuscripts Under Review

Make It Mine: Designing Adaptive Friction in AI-Assisted Writing

Qingyang Wan, Mingyuan Zhong, Zhongyi Chen, Chang Liu, Zhoutong Ye, Yukun Wang, Jie Cai, Jacob O. Wobbrock, Chun Yu, Yuanchun Shi

Submitted to **CHI 2027**

Understanding Guard-Robot Dog Collaboration and Delegation in Patrol in an Open-ended Workplace

Chengwen Zhang, Qinwei Li, Qingyang Wan, Zhoutong Ye, Bryan Zen Soon, Weixiang Sun, Jie Cai, Chun Yu, Yuanchun Shi, EunJeong Cheon

Submitted to **CHI 2027**

PAGE: Towards Practical Human-level Gaze Target Estimation

Zhoutong Ye, Chengwen Zhang, Zhaibin Cui, Mingze Sun, Jiaqi Liu, Xiangwu Li, Qingyang Wan, Chang Liu, Xutong Wang, Huan-ang Gao, Yu Mei, Chun Yu, Yuanchun Shi

Submitted to **ICLR 2027**  <https://arxiv.org/abs/2607.04860>

Adapting AI to the Moment: Understanding the Dynamics of Parent-AI Collaboration Modes in Real-Time Conversations with Children

Yu Mei, Ziyao Zhang, Qingyang Wan, Shiyi Wang, Ge Wang, Jie Cai, Chun Yu, Yuanchun Shi

Submitted to **IJHCI**  <https://arxiv.org/abs/2603.27633>

Service

Reviewer, ICHEC 2026

Awards

MUSE Creative Awards – Silver Winner

2026

Scrap (Student App)  Award

Skills

Development Skills: Full-Stack Development, AI-Assisted Coding (Vibe Coding), Interactive System Prototyping

Programming Languages: Python, JavaScript

Hardware Languages: Arduino

Design Tools: Figma, Adobe Suite, Blender, SketchUp, Cinema 4D, AutoCAD, Procreate

Design Skills: User Interface (UI) Design, Graphic Design, 3D Modeling, Industrial Design