ZHANG, Yuanhao

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RESEARCH INTEREST

Human-AI Interaction, Generative AI, Social Computing

EDUCATION

The Hong Kong University of Science and Technology, Hong Kong, China

Ph.D. in Computer Science   *Sep. 2023 – Aug. 2027 (Expected)*
- Supervisor: Prof. Xiaojuan Ma

The Hong Kong University of Science and Technology, Hong Kong, China

B.Sc. in Computer Science   *Sep. 2019 – May. 2023*
- FYP Advisor: Prof. Xiaojuan Ma

RESEARCH PUBLICATIONS

CoKnowledge: Supporting Assimilation of Time-synced Collective Knowledge in Online Science Videos.
- **Yuanhao Zhang**, Yumeng Wang, Xiyuan Wang, Changyang He, Chenliang Huang, and Xiaojuan Ma.
- *Conditionally accepted to ACM Conference on Human Factors in Computing Systems (CHI'25).*

DBox: Assisting Algorithmic Programming Learning with Interactive and Adaptive Decomposition Box.
- Shuai Ma, Junling Wang, **Yuanhao Zhang,** Xiaojuan Ma, and April Yi Wang.
- *Conditionally accepted to ACM Conference on Human Factors in Computing Systems (CHI'25).*

Reflecting the Design of AR Scenic Live Stream: Participatory Experience, Scenery Enhancement, and Their Design Indications.
- Zeyu Huang, Zuyu Xu, **Yuanhao Zhang**, Chengzhong Liu, Yanwei Zhao, Chuhan Shi, Jason Chen Zhao, and Xiaojuan Ma.
- *Under Submission to ACM Designing Interactive Systems Conference (DIS'25)*

Ask If before Ask Why: Understanding Users' Credibility Concerns in Research Sensemaking in a Community-based QA Platform.
- Changyang He, Chengzhong Liu, **Yuanhao Zhang**, Yue Deng, Xiaojuan Ma. and Bo Li.
- *Under Submission to International Journal of Human - Computer Studies (IJHCS' 2025)*

Be There, Be Fun, Be Streamed! Designing Interactive AR Scenic Live-Streaming.
- Zeyu Huang, Zuyu Xu, **Yuanhao Zhang**, Chengzhong Liu, Yanwei Zhao, Chuhan Shi, Jason Chen Zhao, and Xiaojuan Ma.
- *Poster In IEEE International Symposium on Mixed and Augmented Reality (ISMAR'24).*

DiscipLink: Unfolding Interdisciplinary Information Seeking Process via Human-AI Co-Exploration.
- Chengbo Zheng, **Yuanhao Zhang,** Zeyu Huang, Chuhan Shi, Minrui Xu, and Xiaojuan Ma
- *In ACM Symposium on User Interface Software and Technology (UIST'24).*

Sharing Frissons among Online Video Viewers: Exploring the Design of Affective Communication for Aesthetic Chills
- Zeyu Huang, Xinyi Cao, **Yuanhao Zhang,** and Xiaojuan Ma.
- *In ACM Conference on Human Factors in Computing Systems (CHI'24).*

Exploring the Effects of Self-Mockery to Improve Task-Oriented Chatbot's Social Intelligence.
- Chengzhong Liu, Shixu Zhou, **Yuanhao Zhang,** Shixu Zhou, Dingdong Liu, Zhenhui Peng, and Xiaojuan Ma.
- *In ACM Designing Interactive Systems Conference (DIS'22).*

When Gamification Spoils Your Learning: A Qualitative Case Study of Gamification Misuse in a Language-Learning App.
- Reza Hadi Mogavi, Bingcan Guo*, **Yuanhao Zhang***, Ehson UI Haq, Pan Hui, and Xiaojuan Ma.
- *In ACM Conference on Learning @ Scale (L@S'22).*

What Do Users Think of Promotional Gamification Schemes? A Qualitative Case Study in a Question Answering Website.
- Reza Hadi Mogavi, **Yuanhao Zhang**, Yongjin Wu, Pan Hui, and Xiaojuan Ma.
- *In ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'22).*

RESEARCH EXPERIENCE

HCI Initiative, The Hong Kong University of Science and Technology

Research Intern, Advised by: Xiaojuan Ma   *Summer 2023*

HCI Initiative, The Hong Kong University of Science and Technology

Research Intern, Advised by: Xiaojuan Ma and Reza Hadi Mogavi   *Summer 2021*

PROFESSIONAL EXPERIENCE

Field Fusion Technology, Hangzhou, China

Software Engineering Intern   *Summer 2022*

TEACHING EXPERIENCE

COMP 1029V, Excel VBA Programming Bridging Course

Teaching Assistant, HKUST   *Spring 2024*

AWARDS

- Hong Kong PhD Fellowship Scheme @ HKUST   *2023-2027*
- RedBird PhD Award @ HKUST   *2023*
- Academic Achievement Medal @ HKUST   *2023*
- Methods Recognitions Award @ CSCW2022   *2022*
- Honorable mentions Award @ L@S 2022   *2022*
- Dean's Lists @ School of Engineering, HKUST   *2020-2023*
- Scholarship Scheme for Continuing Undergraduate Students @ HKUST   *2020-2023*

SERVICE

- **Program Committee.** *The ACM Conference on Human Factors in Computing Systems (CHI Late-Breaking Work)*   *2025*

- **Reviewer.** *The ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*   *2025*

- **Reviewer.** *The ACM Conference on Human Factors in Computing Systems (CHI)*   *2024*

- **Reviewer.** *The ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*   *2024*

- **Reviewer.** *The ACM Conference on Human Factors in Computing Systems (CHI Late-Breaking Work)*   *2023*

- **Reviewer.** *The ACM SIGCHI Annual Symposium on Computer-Human Interaction in Play (CHI PLAY)*   *2023*