

MINGYAN WANG

Zhejiang University | School of Software Technology | Master's Student

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Research Interest

My research investigates human behaviour in human-computer interaction (HCI) using measures such as eye tracking and electromyography. I am interested in human factors and ergonomics within HCI, focusing on designing and evaluating innovative interaction modalities, including natural user interfaces (NUIs) like gesture interactions, to enhance user experiences.

Education

- **Zhejiang University** Sept. 2022 - Present
Master of Industrial Design Engineering
Hangzhou, China
 - Advisor: Jinghua HUANG
- **Zhejiang University** Sept. 2018 - Jun. 2022
Bachelor of Industrial Design
Hangzhou, China
 - Grade: 3.87/4.00

Publications and Manuscripts

*J=Journal, S=In Submission (*Corresponding Author)*

- [S.1] **The Effect of User-defined Mid-air Gestures Elicited by On-screen Visual Properties on Human Biomechanics, Behaviour, and Perception**
Manuscript submitted for publication in *International Journal of Human-Computer Interaction*
Jinghua Huang, **Mingyan Wang***, Lujin Mao, Ruobiao Wang, Dongliang Zhang, Mengyao Qi & Miaomiao Ke
- [J.1] **Investigating the effect of emoji position on eye movements and subjective evaluations on Chinese sarcasm comprehension**
Ergonomics
Jinghua Huang, **Mingyan Wang***, Ting Zhang, Dongliang Zhang, Yi Zhou, Lujin Mao & Mengyao Qi

Honors and Awards

- **Excellent Academic Scholarship** 2023
School of Software Technology, Zhejiang University
- **Outstanding Graduates of Zhejiang University** 2022
Zhejiang University
- **Zhejiang University Scholarship - First Prize** 2020-2021
Zhejiang University
- **CASC Scholarship** 2020-2021
Zhejiang University
- **Outstanding Student** 2020-2021
Zhejiang University
- **Zhejiang Provincial Government Scholarship** 2019-2020
Education Department of Zhejiang Province

Teaching Experiences

- **Ergonomics** *Fall 2023, 2024*
Teaching Assistant Master's course
- **Service Design (English)** *Fall 2023*
Teaching Assistant Master's course
- **Integration and Innovation Design (English)** *Winter 2022, 2023*
Teaching Assistant Bachelor's course
- **Ergonomics** *Summer 2023, 2024*
Teaching Assistant Bachelor's course

Services and Activities

- **Campus Asia International Design Workshop in China** *2022, 2023, 2024*
Zhejiang University, Alibaba Design Committee, Chiba University, Yonsei University, and KMUTT
 - Student Organiser and Leader
- **SDI-A Winter Workshop in Japan** *2024*
Chiba University, MUJI, Zhejiang University, Yonsei University, and KMUTT
 - Participant
- **Campus Asia Plus Design Workshop in Korea** *2022, 2023*
Yonsei University, POSCO, Zhejiang University, Chiba University, and KMUTT
 - Participant
- **BRIDGE - Sustainable Design Action** *2021*
Zhejiang University, Alibaba Design Committee, SUTD, Chiba University, Yonsei University, and EDPG
 - Participant
- **Design Talent Summer Workshop** *2021*
Shanghai Jiao Tong University and Renji Hospital
 - Participant