

Chen Zhou

PHD CANDIDATE · FUNDED BY AI-SG PROGRAM

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My research focuses on developing wearable AI-powered voice assistants to tackle mobile information processing challenges and adapt to human multitasking needs.

Education

National University of Singapore

PHD CANDIDATE IN COMPUTER SCIENCE

Singapore

2021/08 - present

- **Research Major:** in Human-Computer Interaction
- **Advisor:** Prof. Wei Tsang Ooi and Prof. Shengdong Zhao

Jilin University

BS UNDERGRADUATE DEGREE

China

2012/09 - 2016/06

- Major in the Internet of Things (*Top 10%*)

Publications

PUBLISHED

Under Review (co-author). Supporting Developers' Code Understanding with Large Language Models. *Proceedings of the 2025 ACM International Conference on the Foundations of Software Engineering (FSE'25)* (Title Modified for Anonymity)

Chen Zhou, Zihan Yan, Ashwin Ram, Yue Gu, Yan Xiang, Can Liu, Yun Huang, Wei Tsang Ooi, Shengdong Zhao. GlassMail: Towards Personalised Wearable Assistant for On-the-Go Email Creation on Smart Glasses. *Proceedings of the 2024 ACM Designing Interactive Systems Conference (DIS'24)*

Chen Zhou, Katherine Fennedy, Felicia Fang-Yi Tan, Shengdong Zhao, Yurui Shao. Not All Spacings are Created Equal: The Effect of Text Spacings in On-the-go Reading Using Optical See-Through Head-Mounted Displays. *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI'23)*

Working Experience

Ant Group, Alipay

SENIOR FRONT-END ENGINEER

Hangzhou, China

Jan 2019 - Aug 2020

- **Core developer:** responsible for developing mobile web applications in the Alipay app.
- Responsible for several lines of business independently; familiar with front-end development systems and design patterns.

Beike Company

FRONT-END ENGINEER

Beijing, China

June 2018 - Dec 2018

- **Core developer:** responsible for a Windows/Mac desktop SAAS application for brokers and providing support for identifying problems.

ThoughtWorks

SOFTWARE ENGINEER

Beijing, China

July 2016 - May 2018

- **Core developer:** independently responsible for the agile development of the front- and back-end of the project which is a nearly ten-year-old financial-related system.
- Microservice split architecture; mainly responsible for the development of similar file cloud storage, authority management and synchronization; proficient in EventStore in CQRS/ES structure.

Teaching Experience

Spring
2023 **Advanced Topics in Human-Computer Interaction**, Teaching Assistant

Spring
2024 **Information Visualization**, Teaching Assistant

Outreach & Professional Development

GRANTS AND HONORS

2023 Gary Marsden travel awards

2023 Nus Research Achievement Award

ACADEMIC REVIEWS AND AWARDS

Special Recognitions for Outstanding Reviews for CHI 2025

Special Recognitions for Outstanding Reviews for DIS 2024

2024 - 2025 SIGCHI Conference on Human Factors in Computing Systems (CHI)

2022 - 2024 SIGCHI Late-Breaking Work (CHI LBW)

2024 ACM Designing Interactive Systems Conference (DIS)

2023 ACM User Interface Software and Technology Symposium (UIST)

VOLUNTARY EXPERIENCE

July 2024 Student Volunteer for the ACM Designing Interactive Systems Conference (DIS 2024), Copenhagen, Denmark

Skills

I am familiar with the following programming languages, frameworks, and research methodologies.

Programming: Python, HTML/CSS/JavaScript

Development Framework: Flask, Next.js, React.js

Research Methodologies: User Studies (quantitative/qualitative)