

Zhou Chen

PHD CANDIDATE · NATIONAL UNIVERSITY OF SINGAPORE

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Chen is currently a PhD candidate at the National University of Singapore, funded by AI Singapore (AI-SG). Her research focuses on developing wearable AI-powered assistants to tackle mobile information processing challenges and adapt to human multitasking needs. Outside of research, you can find her enjoying cycling, cooking, and playing video games.

Education

National University of Singapore

PHD CANDIDATE IN COMPUTER SCIENCE

Advisor: Prof. Shengdong Zhao and Prof. Wei Tsang Ooi

Singapore

2021/08 - present

Jilin University

BS UNDERGRADUATE DEGREE

Major: Internet of Things (Top 10%)

China

2012/09 - 2016/06

Publications

PUBLISHED

Zhou, C., Yan, Z., Ram, A., Gu, Y., Xiang, Y., Liu, C., Ooi, WT., & Zhao, S. (2024, July). GlassMail: Towards Personalised Wearable Assistant for On-the-Go Email Creation on Smart Glasses. In Proceedings of the 2024 ACM Designing Interactive Systems Conference (pp. 372-390). *DIS 2024*.

Zhou, C., Fennedy, K., Tan, F. F. Y., Zhao, S., & Shao, Y. (2023, April). Not All Spacings are Created Equal: The Effect of Text Spacings in On-the-go Reading Using Optical See-Through Head-Mounted Displays. In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (pp. 1-19). *CHI 2023*.

Gao, J., Xue, Y., **Zhou, C.**, Xie, X., THANT, S., & Lee, E. (under review). TITLE REMOVED FOR BLIND REVIEW [Topic: Supporting Developers' Code Understanding with Large Language Models]. *FSE 2025*.

ONGOING PROJECTS *GlassMail+ & Facilitating Lengthy Document Creation On-the-Go via wearable AI-powered assistants (UbiEditor)*

Working Experience

Ant Group, Alipay

SENIOR FRONT-END ENGINEER

Independently managing multiple business lines and developing mobile web applications with expertise in front-end systems and patterns.

Hangzhou, China

Jan 2019 - Aug 2020

Beike Company

FRONT-END ENGINEER

Developed and maintained a cross-platform (Windows/Mac) full-stack SAAS desktop application for brokers, including troubleshooting support.

Beijing, China

June 2018 - Dec 2018

ThoughtWorks

SOFTWARE ENGINEER

Full-stack development of a legacy financial system using agile methodology and microservices architecture, focusing on cloud storage and authorization management with CQRS/ES patterns and EventStore.

Beijing, China

July 2016 - May 2018

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

Programming: C#, Python, HTML/CSS/JavaScript

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

Research Methodologies: User Studies (quantitative/qualitative)

Reference

Available upon request