

SHENG ZHAO

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EDUCATION

University of Rochester

Ph.D. student at Department of Computer Science

Rochester, NY, USA

Jan. 2026 – now

Tsinghua University

B.S. in Mathematics and Physics; B.Eng in Electrical Engineering (dual degree)

Beijing, China

Sep.2021 – Jun. 2025

RESEARCH EXPERIENCE

University of Rochester

Research Assistant to Professor Yuhao Zhu

Rochester, NY, USA

Jan. 2026 – now

- Research Topic: Visual Computing, AI for Science

University of Michigan, Ann Arbor

Research Assistant to Professor Michael Nebeling

Ann Arbor, MI, USA

Jul. 2024 – Sep. 2024

- Exploring Collaborative GenAI Agents in Synchronous Group Settings

University of Rochester

Research Assistant to Professor Yukang Yan

Remote

Jan. 2024 – Sep. 2024

- Investigating the Impact of Conversational Strategies and the Multiple Agent Setting on Emotional Support

Tsinghua University

Research Assistant to Professor Bowen Zhou

Beijing, China

Nov. 2023 – Jun. 2024

- Single Image Guided Stable 3D Diffusion for Novel View Image Synthesis

Tsinghua University

Research Assistant to Professor Xin Yi

Beijing, China

Apr. 2023 – Jun. 2024

- Facilitating Emotional Communication in VR Through Region-Specific Facial Expression Scaling
- Hands-Free Two-Factor Authentication in VR Leveraging Head-Eye Coordination

WORKING EXPERIENCE

Bytedance

Intern on AI Coding Team

Beijing, China

Oct. 2025 – Jan. 2026

- Post-training of the Agentic Model & Training-free Method for Agentic Model

PI Lab (Yizhe)

Research Intern

Beijing, China

Aug. 2025 – Oct. 2025

- Research on Persona-aware LLM in Dental Domain

Zhipu AI (Z.ai)

Research Intern at CogAgent, GLM team

Beijing, China

Mar. 2025 – Jun. 2025

- Data Augmentation and Post-training for GLM-4.5v

PUBLICATIONS

[1]. Xueyang Wang, **Sheng Zhao**, Yihe Wang, Ziyu Han, Xinge Liu, Xin Tong, and Xin Yi. [Raise Your Eyebrows Higher: Facilitating Emotional Communication in Social Virtual Reality Through Region-specific Facial Expression Scaling](#). *ACM CHI conference on Human Factors in Computing Systems (CHI'25)*.

[2]. **Sheng Zhao***, Junrui Zhu*, Xueyang Wang, Hongyi Li, Suning Zhang, Xin Yi, and Hewu Li. [CoordAuth: Hands-Free Two-Factor Authentication in Virtual Reality Leveraging Head-Eye Coordination](#). *The 32nd IEEE Conference on Virtual Reality and 3D User Interfaces (VR'25)*. (* Equal Contribution)

[3]. Janet Johnson, Macarena Peralta, Mansanjam Kaur, Sophia Huang, **Sheng Zhao**, Hannah Guan, Shwetha Rajaram, and Michael Nebeling. [Exploring Collaborative GenAI Agents in Synchronous Group Settings: Eliciting Team Perceptions and Design Considerations for the Future of Work](#). *The 28th ACM SIGCHI Conference on Computer-Supported Cooperative Work & Social Computing (CSCW'25)*.

SELECTED AWARDS AND HONORS

- Level A, Tsinghua University 'Exploring The World' Research Scholarship, 2024
- Extraordinary Poster, Tsinghua University Academic Promotion Plan, 2024
- Province First Prize, 37th China Physics Olympiad (CPHO), 2020

ACADEMIC SERVICES

- External Reviewer
 - ACM: *CHI 2026, CHI 2025, DIS2025, IMWUT 2024*
 - IEEE: *VR 2026, VR 2025, ISMAR 2025*
 - AAAI: *ICWSM 2025*
- Student Volunteer: *CHI 2025*

ADDITIONAL INFORMATION

Interests: Tsinghua Cycling Team (3rd place in National College Bicycle Competition)

Programming Skills: C, C#, Python, MATLAB, Verilog, PyTorch, Scikit-learn

Hardware Skills: Circuit Design, Inertial Measurement Unit (IMU)

Language: Mandarin (native); English (proficient / TOEFL 103)