

Ruishi Zou

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Education

University of California, San Diego

MS in Computer Science

La Jolla, CA, USA

2024 - Present

Tongji University

BE in Computer Science and Technology

Thesis Advisor: Prof. Hanli Wang

Thesis Title: *Cooking Tutorial Generation based on Video Analysis and a Mixed-initiative Interactive System*

Shanghai, China

2020 - 2024

Publication

* = equal contribution

Peer Reviewed Publications

GistVis: Automatic Generation of Word-scale Visualizations from Data-rich Documents 📄

CHI 2025

Ruishi Zou*, Yinqi Tang*, Jingzhu Chen, Siyu Lu, Yan Lu, Yingfan Yang, Chen Ye

[Cond. accepted] In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI'25)*

More Samples or More Prompts? Exploring Effective Few-Shot In-Context Learning for LLMs with In-Context Sampling 📄

NAACL 2024

Bingsheng Yao, Guiming Chen, Ruishi Zou, Yuxuan Lu, Jiachen Li, Shao Zhang, Yisi Sang, Sijia Liu, James Hendler, Dakuo Wang

In *Findings of the Association for Computational Linguistics: NAACL 2024*

Chart2Vec: A Universal Embedding of Context-Aware Visualizations 📄

TVCG

Qing Chen, Ying Chen, Ruishi Zou, Wei Shuai, Yi Guo, Jiazhe Wang, Nan Cao

In *IEEE Transactions on Visualization and Computer Graphics (2024)*

Lightly Peer Reviewed Publications

iTutor: A Generative Tutorial System for Teaching the Elders to Use Smartphone Applications 📄

UIST 2023

Ruishi Zou, Zi Ye, Chen Ye

In *Adjunct Proceedings of the ACM Symposium on User Interface Software and Technology (Poster)*

Preprints and In Submission Manuscripts

Towards a Design Guideline for RPA Evaluation:

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A Survey of Large Language Model-Based Role-Playing Agents 📄

Chaoran Chen*, Bingsheng Yao*, Ruishi Zou, Wenyue Hua, Weimin Lyu, Toby Jia-Jun Li, Dakuo Wang
(In submission)

Designing and Evaluating Sampling Strategies for Multiple-Forecast Visualization (MFV) 📄

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Ruishi Zou, Siyi Wu, Bingsheng Yao, Dakuo Wang, Lace Padilla

(In submission)

Project: Human-AI System for Legal Research As co-first author (In submission)	-
Project: Human-AI Creative Writing Support Tool As second author (In submission)	-
CookingScape: A Human-AI System Supporting Personalized Learning from Instructional Cooking Videos As first author (In preparation)	-

Professional Experience

Northeastern University , Human-AI Lab, Research Assistant Advisor: Prof. Dakuo Wang, Prof. Lace Padilla	Remote 10/2023 - Present
Tongji University , HCI Interest Group (Informal) - Student Researcher Advisor: Prof. Chen Ye, Prof. Hanli Wang	Hybrid 04/2023 - 09/2024
Ant Group - Corporate Partnership (Front-end Engineer) Intern AntV Team	Shanghai, China 07/2023 - 09/2023
Carnegie Mellon University , Computer Music Lab - Research Intern Advisor: Prof. Roger B. Dannenberg	Remote 04/2023 - 09/2023
Tongji University , Intelligent Big Data Visualization Lab (iDVx) - Research Intern Advisor: Prof. Qing Chen	Shanghai, China 03/2022 - 09/2023

Professional Activities and External Service

- **Conference Attendance:** ACM CHI'25 (Planning), IEEE VIS'24 (Virtual), ACM UIST'23
- **Reviewer:** ACM CHI'25 Late-Breaking Work

Awards and Honors

Undergraduate Academic Star of College of Electronic and Information Engineering, Tongji University	2023
Third Prize , China Collegiate Computing Contest - HCI Innovation Competition 2023 (<i>top 3%</i>)	2023
Third-Class Scholarship , Tongji University Outstanding Student Scholarship, 2021 - 2022 Academic Year	2022
"Award in Creativity" , China Collegiate Computing Contest - HCI Innovation Competition 2022 (<i>top 4%</i>)	2022
First-Class Scholarship , Tongji University Outstanding Student Scholarship, 2020 - 2021 Academic Year	2021

Skills

Programming Languages: Python, JavaScript/TypeScript, HTML, R, C/C++

Libraries/Platforms: React, D3.js, PyTorch, Sklearn, Numpy, Pandas

Research: System development; Experiment design; Data analysis; Quantitative/Qualitative methods; LaTeX