

Ziru “Ron” Chen

Curriculum Vitae

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INTERESTS	Natural Language Processing, Machine Learning, Conversational AI, Human-Computer Interaction	
EDUCATION	The Ohio State University , Columbus, OH Ph.D. in Computer Science and Engineering	Aug 2022 – May 2027 GPA: 4.0 / 4.0
	The Ohio State University , Columbus, OH B.S. in Computer and Information Science, Math Minor Summa Cum Laude	Aug 2018 – May 2022 GPA: 3.97 / 4.0
EXPERIENCES	Research Assistant , The Ohio State University Advisor: Dr. <i>Huan Sun</i>	Dec 2020 – Present
	Visiting Student Research Intern , Westlake University Advisor: Dr. <i>Zhenzhong Lan</i>	May 2021 – Jul 2021
	Teaching Assistant , The Ohio State University	Aug 2019 – May 2022
HONORS	University Fellowship , The Ohio State University	2022–2023, 2026–2027
	3rd Place (Student Co-lead), 1st Alexa Prize Taskbot Challenge	2022
	Undergraduate Research Award , The Ohio State University	2022
	CIS Undergrad Scholarship , The Ohio State University	2021
	Dean’s List , The Ohio State University (6 semesters)	2018–2021
PUBLICATIONS	[10] <i>When is Tree Search Useful for LLM Planning? It Depends on the Discriminator</i> Ziru Chen , Michael White, Raymond Mooney, Ali Payani, Yu Su, Huan Sun Arxiv Preprint (2024, Long)	
	[9] <i>eCeLLM: Generalizing Large Language Models for E-commerce from Large-scale, High-quality Instruction Data</i> Bo Peng*, Xinyi Ling*, Ziru Chen , Huan Sun, Xia Ning (* equal contribution) Arxiv Preprint (2024, Long)	
	[8] <i>Automatic Evaluation of Attribution by Large Language Models</i> Xiang Yue, Boshi Wang, Ziru Chen , Kai Zhang, Yu Su, Huan Sun Findings of the Conference on Empirical Methods in Natural Language Processing (2023, Long)	
	[7] <i>Error Detection for Text-to-SQL Semantic Parsing</i> Shijie Chen, Ziru Chen , Huan Sun, Yu Su Findings of the Conference on Empirical Methods in Natural Language Processing (2023, Long)	
	[6] <i>Exploring Chain-of-Thought Style Prompting for Text-to-SQL</i> Chang-Yu Tai*, Ziru Chen *, Tianshu Zhang, Xiang Deng, Huan Sun (* equal contribution) The 2023 Conference on Empirical Methods in Natural Language Processing (2023, Long)	
	[5] <i>Roll Up Your Sleeves: Working with a Collaborative and Engaging Task-Oriented Dialogue System</i> Lingbo Mo, Shijie Chen, Ziru Chen , Xiang Deng, Ashley Lewis, Sunit Singh, Samuel Stevens, Chang-Yu Tai, Zhen Wang, Xiang Yue, Tianshu Zhang, Yu Su, Huan Sun The 24th Meeting of the Special Interest Group on Discourse and Dialogue (2023, Demo)	
	[4] <i>Text-to-SQL Error Correction with Language Models of Code</i> Ziru Chen , Shijie Chen, Michael White, Raymond Mooney, Ali Payani, Jayanth Srinivasa, Yu Su, Huan Sun The 61st Annual Meeting of the Association for Computational Linguistics (2023, Short)	
	[3] <i>SalsaBot: Towards a Robust and Generalizable Embodied Agent</i> Chan Hee Song*, Jiaman Wu*, Ju-Seung Byun, Zexin Xu, Vardaan Pahuja, Goonmeet Bajaj, Samuel Stevens, Ziru Chen , Yu Su (* equal contribution)	

The 1st Proceedings of Alexa Prize Simbot Challenge (2023, Long)
The Embodied AI 2023 Workshop (2023, Short)

[2] *Error Detection for Interactive Text-to-SQL Semantic Parsing*
Shijie Chen, **Ziru Chen**, Huan Sun, Yu Su
The 2nd Workshop on Interactive Learning for Natural Language Processing (2022, Short)

[1] *Bootstrapping a User-Centered Task-Oriented Dialogue System*
Shijie Chen*, **Ziru Chen***, Xiang Deng, Ashley Lewis, Lingbo Mo, Samuel Stevens, Zhen Wang,
Xiang Yue, Tianshu Zhang, Yu Su, Huan Sun (* equal contribution)
The 1st Proceedings of Alexa Prize Taskbot Challenge (2022, Long)

TEACHING

CSE 5525 Speech and Language Processing, Undergraduate & Graduate Level
Teaching Assistant, The Ohio State University (Autumn 2021; Spring 2022)

CSE 2321 Foundations I: Discrete Structures, Undergraduate Level
Teaching Assistant, The Ohio State University (Autumn 2019; Spring, Autumn 2020)

SERVICE

Program Committee: AACL (2023, 2024), ACL Rolling Review (2024)

SKILLS

Programming

Python, C, Java, MATLAB, HTML and CSS, Ruby, JavaScript

Languages

*Chinese (Native), English (Fluent), Japanese (Proficient; **JLPT N2**), Korean (Elementary)*

REFERENCES

Huan Sun, Ph.D.

Associate Professor and College of Engineering Innovation Scholar
Department of Computer Science and Engineering
The Ohio State University
NSF CAREER Award (2020), Google Research Scholar Award (2022)
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NSF ICICLE Institute AI Lead, Lumley Research Award (2023)
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Lumley Interdisciplinary Research Award (2022)
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