

XINYU GUO

PH.D. STUDENT

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EDUCATION	University of Arizona <i>Ph.D. student in Computer Science</i> • Advisor: Prof. Mihai Surdeanu • Research area: Natural Language Processing, Information Extraction, Reinforcement Learning, Large Language Models, Explainable LLMs Shandong University <i>B.E. in Computer Science</i> • GPA: 89.56/100.00	Arizona, United State 2024 - Present Shandong, China 2019 - 2023
PUBLICATIONS	<ol style="list-style-type: none">1. Xinyu Guo, Zhengliang Shi, Minglai Yang, Mahdi Rahimi, Mihai Surdeanu*. Peeking inside the Black-Box: Reinforcement Learning for Explainable and Accurate Relation Extraction. Submitted to <i>ICLR</i> 2026.2. Zhaoze Sun, Chengliang Chai*, Qiyan Deng, Kaisen Jin, Xinyu Guo, Han Han, Ye Yuan, Guoren Wang, Lei Cao. QUEST: Query Optimization in Unstructured Document Analysis. Accepted by <i>VLDB</i> 2025.	
RESEARCH EXPERIENCE	CLU-LAB, University of Arizona Arizona, United State • Advisor: Prof. Mihai Surdeanu • Research Topic: Information Extraction, Reinforcement Learning, Explainable LLM.	2025.03 - Present
	CAES Research Center, Shandong University Shandong, China • Advisor: Prof. Zhongxing Yu • Research Topic: Program Analysis, Type System, Code Clone Detection, Automated Program Repair, AI4SE.	2023.09 - 2024.09
	Oxford Winter Exchange Program Oxford University, UK • Advisor: Prof. Jeremy Pitt • Topic: AI-Myths and Reality and Human AI Interaction.	2022.02
AWARDS AND HONORS	<ul style="list-style-type: none">• Academic Scholarship, Shandong University 2022• Entrepreneurial Practice Award, Shandong University 2020, 2021, 2022• Merit Award, 6th "Internet+ " Innovation and Entrepreneurship Competition, 2020	
SKILLS	Programming Languages: Python, C/C++, MATLAB, Go, Java. Programming: Chinese, English, French.	
TEACHING	Teaching Assistant for CSC337 Web Programming, CSC460 Database <i>University of Arizona, USA</i>	2024, 2025
	Teaching Assistant for Software Engineering <i>Shandong University, China</i>	2023