

EDUCATION	University of California, Irvine <i>Ph.D. in Electrical and Computer Engineering</i> • Advisor: Prof. Athina Markopoulou • Research Area: Privacy and Security in AI Agentic Systems	Irvine, CA 2025 – Present
	Washington University in St. Louis <i>M.S. in Computer Science</i> • Advisor: Prof. Umar Iqbal	St. Louis, MO 2023 – 2025
	Sun Yat-sen University <i>B.E. in Computer Science and Technology</i>	Guangzhou, China 2019 – 2023
PUBLICATIONS	Yuhao Wu, Ke Yang , Franziska Roesner, Tadayoshi Kohno, Ning Zhang, and Umar Iqbal. <i>Towards Automating Data Access Permissions in AI Agents</i> . S&P 2026.	
	Yuhao Wu, Evin Jaff, Ke Yang , Ning Zhang, and Umar Iqbal. <i>An In-Depth Investigation of Data Collection in LLM App Ecosystems</i> . IMC 2025.	
	Fanqi Wan, Weizhou Shen, Ke Yang , Xiaojun Quan, and Wei Bi. <i>Multi-Grained Knowledge Retrieval for End-to-End Task-Oriented Dialog</i> . ACL 2023.	
	Weizhou Shen, Xiaojun Quan, and Ke Yang . <i>Generic Dependency Modeling for Multi-party Conversation</i> . ICASSP 2023.	
RESEARCH EXPERIENCE	Towards Automating Data Access Permissions in AI Agents	2024.08 - 2025.04
	– User study about data sharing preference across domains and apps. – Implement in-context-learning with collaborative filtering to explore factors to build better data sharing assistant.	
	Investigation of Data Collection in LLM App Ecosystems	2024.05 - 2024.11
	– Designed a comprehensive data taxonomy to systematically analyze data collection practice in LLM App Ecosystems. – Evaluated 4,592 GPT Actions, identifying critical gaps in privacy policy disclosures.	
	Multi-Grained Knowledge Retrieval for Task-Oriented Dialog	2022.09 - 2022.12
	– Developed MAKER, a multi-grained knowledge retriever that decouples knowledge retrieval from response generation in task-oriented dialogue systems. – Designed an entity selector to identify relevant entities and an attribute selector to filter out irrelevant attributes.	
	Generic Dependency Modeling for Multi-party Conversation	2021.09 - 2022.5
	– Developed a framework to model dependencies between utterances, enhancing conversational understanding. – Applied span distance prediction pre-training to more effectively capture dependencies between utterances.	
PROJECTS	iOS Sidecar Networking App iOS application using the Envoy Mobile proxy	2024.01 - 2024.07
	Smart Kitchen Assistant Real-time recipe guidance with Yolov8 and GPT-4	2023.09 - 2023.12

INTERNSHIPS	State Key Laboratory of Pattern Recognition Animals(Mouse&Monkey) action recognition	2022.07 - 2022.09
AWARDS AND HONORS	IMC Travel Grant , ACM IMC	2025
	Graduate Dean's Recruitment Fellowship , UC Irvine	2025
	Second-class Scholarship , Sun Yat-sen University	2022
	Honorable Mention , Mathematical Contest in Modeling	2022
	First-class Scholarship , Sun Yat-sen University	2021
SKILLS	Programming : Python, C/C++, Swift, Javascript, Rust, SQL Frameworks : PyTorch, OpenMP, OpenCL, LangChain Tools : Git, Docker, gdb, IDA, Wireshark Other : LaTeX, UML, Steamlit	