

# Junyu Wang

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## EDUCATION

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- **Missouri University of Science and Technology** August 2025 - Present  
*Ph.D. in Computer Science* Rolla, MO, USA
- **University of Shanghai for Science and Technology (USST)** September 2021 - July 2025  
*B.Eng. in Data Science and Big Data Technology* Shanghai, China

## PUBLICATIONS

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- [1] Junyu Wang, Changjia Zhu, Yuanbo Zhou, Lingyao Li, Xu He, Mingkui Wei, and Junjie Xiong. (Accepted). **COGNITION: From Evaluation to Defense against Multimodal LLM CAPTCHA Solvers.** *USENIX Security Symposium, 2026.*
- [2] Yuanbo Zhou, Changjia Zhu, Junyu Wang, Xu He, XiaoWei Yu, and Junjie Xiong. (Under Review). **Token-Native Defenses Against Prompt Overflow in LLM Guardrails.** *EMNLP 2026.*
- [3] Lingyao Li\*, Junjie Xiong\*, Changjia Zhu\*, Runlong Yu, Chen Chen, Junyu Wang, Renkai Ma, and Zhicong Lu. (Under Review). **LLM-as-a-Reviewer: Benchmarking Their Ability, Divergence, and Prompt Injection Resistance as Paper Reviewers.** *EMNLP 2026.*
- [4] Yuanbo Zhou, Changjia Zhu, Junyu Wang, Xu He, Yan Zhai, Kun Sun, Mingkui Wei, and Junjie Xiong. (Under Review). **Prompt Overflow: What the Guardrail Inspects Is Not What the Model Infers.** *ACM CCS 2026.*

## PROJECTS

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- **CTGAN and TVAE with Differential Privacy** January 2025  
*Independent Contributor, Instructed by Dr. Liyue Fan (UNC Charlotte)*
  - Developed a unified privacy-preserving synthetic data generation platform by CTGAN and TVAE.
  - Enhanced CTGAN by incorporating a feature extraction module and implemented differential privacy via Opacus, while also applying differential privacy mechanisms to TVAE. This approach ensured that the synthetic data maintained high utility while meeting rigorous privacy standards for secure sensitive data sharing and analysis.

## INTERNSHIP

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- **Fast Retailing (China) Trading Co., Ltd. (UNIQLO CN)** September 2024 - December 2024  
*Intern in Data & Strategy and Corporate Sales & Customizing* Shanghai, China
  - **Optimization of B2B Tools:** Participated in an internal sales tool optimization project that focused on iterating order and inventory management features. Collect business requirements through user interviews, surveys, and direct participation in front-line operations. Identified pain points such as inventory queries delays, unclear pricing adjustment timelines, and ineffective historical customer order statistics. Proposed and implemented a dashboard solution that significantly improved the efficiency of order and inventory management in the sales department by approximately 50% and established a mechanism to query and analyze past customer data.
  - **Data System Development:** Managed sales pipeline data and developed key business metrics monitoring mechanisms. Conducted weekly and monthly performance analyzes and reports for the sales department, assisting the corporate sale division to gain more accurate insights into business trends. Following the establishment of this system, the division achieved a 5% monthly growth and a 20% year-over-year growth, while also gaining experience in data-driven decision-making processes.

## OTHERS

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- **2024 China International Import Expo** November 2024  
*Exhibitor*
  - During the career at Fast Retailing (China) Trading Co., Ltd., I participated as staff at the CIIE along with my department colleagues, engaging with B2B clients and expanding partnerships for the company.
- **Shanghai Xinhua Hospital** November 2022 - December 2022  
*Psychiatry Department Volunteer*
  - Volunteered at the Psychiatry Department of Shanghai Xinhua Hospital, assisting doctors in serving patients. Gained personal growth and improvement through interactions with patients suffering from psychological disorders.
- **USST Admission Office** January 2022 - February 2022  
*Admission Presentation Volunteer*
  - Planned and participated in both online and offline university admission promotional events, delivering presentations on the institution's leading disciplines, admission policies, and campus culture. Provided one-on-one consultations to prospective students and parents, addressing application inquiries. Collected and analyzed participant feedback to optimize content and strategies. Assisted in creating promotional materials and organizing admission data to enhance outreach efficiency. Reached over 300 attendees.
- **University of Shanghai for Science and Technology** 2021 Fall, 2022 Fall, 2023 Fall, 2024 Spring  
*Outstanding Academic Scholarship*