

Jingzhou Ye

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EDUCATION

Ph.D. in (Cyber Security and Privacy Cluster)

August 2023 – Present

Department of Computer Science, University of Central Florida, Orlando, FL, USA.

Thesis advisor: *Dr. Xueqiang Wang*

Bachelor's in Network Engineering

September 2019 – July 2023

School of Information and Communication Engineering, University of Electronic Science and Technology of China, Chengdu, Sichuan, China.

RESEARCH INTEREST

- Software Privacy Compliance, Usable Security

SKILLS

- Programming languages: C/C++, Python, Java, Kotlin, and JavaScript.

MAJOR PROFESSIONAL EXPERIENCE

Teaching/Research Graduate Assistant, University of Central Florida

August 2023 – Present

Research Graduate Assistant (Leading Projects)

- Investigated **privacy dark patterns in AI-powered design tools**, analyzing how **prompt-to-design GenAI generators** influence privacy-related design outcomes. Submitted a paper to IEEE S&P 2026 and have been accepted.
- Conducted a large-scale empirical study on **mobile consent-management platforms (CMPs)** across Android and iOS, combining **static and dynamic analysis** of CMP SDKs with **network traffic inspection** to uncover **privacy risks in third-party consent implementations**. Submitted a paper to IEEE S&P 2026 and have been accepted.
- Designed an **experiential learning intervention** to study its effectiveness in **educating users about dark patterns**. Submitted a paper to CHI 2025 and have been accepted.
- Conducted a **qualitative analysis** of **privacy law enforcement under centralized governance** in China, examining four years of government-led **Special Privacy Rectification Campaigns (SPRCs)** since 2019. Submitted a paper to USENIX Security 2025 and have been accepted.
- Performed an empirical analysis of **fake evidence generators**, evaluating the **reliability and misuse risks of AI-generated evidence**. Submitted a paper to EuroS&P 2024 and have been accepted.

Teaching Graduate Assistant

- COP2500 Concepts in Computer Science in 2026. Assisted in teaching students foundational computer science concepts and structured programming (Python).
- CDA5220 Secure Execution Environment in 2025. Assisted in teaching students concepts about trusted execution environments and secure system design.
- CNT4703 Computer Networks in 2025. Assisted in teaching students the fundamentals of computer networking and protocol design.
- CDA3103 Computer Logic in 2024. Assisted in teaching students digital logic design and the basic building blocks of digital computers.

Elite Level Up Project (UAV Swarm Project), UESTC

Sep 2020 – May 2022

- Designed **swarm coordination algorithms** for UAV formation control, focusing on **path planning and collision avoidance** among multiple unmanned aerial vehicles.
- Developed and validated the algorithms through **MATLAB-based simulation**, modeling UAV dynamics and swarm behavior to evaluate formation stability and control performance.

Internship, Volunteer Teacher (Creative Thinking Course), High School of Shude
August 2021

July 2021 –

- Mentored high school students in completing a **mini project** by guiding them to apply **innovative thinking** and hands-on problem-solving skills.

SELECTED PUBLICATION

Conference Proceedings

- [1] **Jingzhou Ye**, Zhaojie Hu, Yao Li, and Xueqiang Wang. “When Designers Meet GenAI: Understanding the Role of Prompt-to-Design Generators in Privacy Dark Patterns.” in Proceedings of 47th IEEE Symposium on Security and Privacy (S&P) (**Top-tier Conference**), San Francisco, CA, May 18-21, 2026.
- [2] **Jingzhou Ye***, Fares Alharbi*, Luyi Xing, and Xueqiang Wang. “Understanding and Analyzing Privacy Risks in Mobile Consent-Management Platforms.” in Proceedings of 47th IEEE Symposium on Security and Privacy (S&P) (**Top-tier Conference**), San Francisco, CA, May 18-21, 2026.
- [3] **Jingzhou Ye**, Yao Li, Wenting Zou, and Xueqiang Wang. “From Awareness to Action: The Effects of Experiential Learning on Educating Users about Dark Patterns.” in Proceedings of ACM CHI Conference on Human Factors in Computing Systems (CHI) (**Top-tier Conference**), Yokohama, Japan, April 26–May 1, 2025. (**Best Paper Award**) 🏆
- [4] Tao Jing, Yao Li, **Jingzhou Ye**, Jie Wang, and Xueqiang Wang. “Privacy Law Enforcement Under Centralized Governance: A Qualitative Analysis of Four Years’ Special Privacy Rectification Campaigns.” in Proceedings of the 34th USENIX Security Symposium (USENIX Security) (**Top-tier Conference**), Seattle, WA, August 13–15, 2025.
- [5] Zhaojie Hu*, **Jingzhou Ye***, Yifan Zhang, and Xueqiang Wang. “Seeing is Not Always Believing: An Empirical Analysis of Fake Evidence Generators.” in Proceedings of the 9th IEEE European Symposium on Security and Privacy (EuroS&P 2024), Vienna, Austria, July 8-12, 2024. [***Equal Contribution**]

Under Review Papers

- [6] **Jingzhou Ye**, Yao Li, and Xueqiang Wang. “Designing UIs with GenAI: Understanding the Use, Benefits, and Limitations of Prompt-to-Design Generators” in submission to ACM Conference on Intelligent User Interfaces (IUI), 2027.

AWARDS

- IEEE S&P Student Travel Grant, S&P, 2026.
- CHI Best Paper Award, CHI, 2025. 🏆
- UCF FCI Student Scholarship, UCF, 2025.

PROFESSIONAL ACTIVITIES

Conference Review

- External Reviewer: ACM CCS 2024, USENIX Security 2026, NDSS 2026