

Jingwen Yan

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RESEARCH INTERESTS

- Privacy and policy compliance on open platforms
- IoT security and privacy
- Privacy labels and transparency

EDUCATION

Clemson University

PhD student in Computer Science, GPA: 4.0/4.0, Advisor: Dr. Long Cheng,

Clemson, USA

Aug 2023 – Present

University of Pittsburgh

Master of Information Science, GPA: 3.95/4.0,

Pittsburgh, USA

Aug 2019 – May 2021

Nanjing University of Posts and Telecommunications

Bachelor of Computer Science and Technology, GPA: 3.75/5.0,

Nanjing, China

Aug 2015 - June 2019

PUBLICATIONS

- [1] **Jingwen Yan**, Song Liao, Jin Ma, Mohammed Aldeen, Salish Kumar, Long Cheng, “No Way to Sign Out? Unpacking Non-Compliance with Google Play’s App Account Deletion Requirements”, *USENIX Security Symposium (USENIX Security)*, 2025. Acceptance rate: $407/2385 = 17.1\%$.
- [2] **Jingwen Yan**, Mohammed Aldeen, Jalil Harris, Kellen Grossenbacher, Song Liao, Feng Luo, Long Cheng, “Understanding User Acceptance of Privacy Labels: Barriers and Enhancements”, *24th Workshop on Privacy in the Electronic Society (WPES)*, 2025.
- [3] **Jingwen Yan***, Song Liao*, Mohammed Aldeen, Luyi Xing, Danfeng (Daphne) Yao, Long Cheng, “SkillPoV: Towards Accessible and Effective Privacy Notice for Amazon Alexa Skills”, *Network and Distributed System Security Symposium (NDSS)*, 2025. Acceptance rate: $211/1311 = 16\%$.
- [4] Yichen Liu, **Jingwen Yan**, Song Liao, Long Cheng, Luyi Xing, “WIP: Towards Privacy Compliance by Design in the Matter Protocol”, *NDSS Workshop on Security and Privacy in Standardized IoT (SDIoTSec)*, 2025.
- [5] Song Liao, Mohammed Aldeen, **Jingwen Yan**, Long Cheng, Xiapu Luo, Haipeng Cai, Hongxin Hu, “Understanding GDPR Non-Compliance in Privacy Policies of Alexa Skills in European Marketplaces”, *The Web Conference (WWW)*, 2024. Acceptance rate: $406/2008 = 20\%$.
- [6] Song Liao, **Jingwen Yan**, Long Cheng, “WIP: Hidden Hub Eavesdropping Attack in Matter-enabled Smart Home Systems”, *NDSS Workshop on Security and Privacy in Standardized IoT (SDIoTSec)*, 2024.

POSTERS

- [1] **Jingwen Yan**, Mohammed Aldeen, Jalil Harris, Kellen Grossenbacher, Aurore Munyaneza, Song Liao, Long Cheng, “Understanding User Acceptance of Privacy Labels: Barriers and Enhancements”, *NDSS Workshop on Security and Privacy in Standardized IoT (SDIoTSec)*, 2025.
- [2] Jin Ma, Shuhao Zhang, **Jingwen Yan**, Huaye Li, “Pedestrian Patch Hiding Attacks on Autonomous Driving”, *TraCR Annual Conference (TraCR)*, 2024.
- [3] Song Liao, Mohammed Aldeen, **Jingwen Yan** and Long Cheng, “Poster: On GDPR Compliance of Amazon Alexa’s Privacy Policies in European Marketplaces”, *IEEE Secure Development Conference (SecDev)*, 2023.

AWARDS

- USENIX Security Student Grant (2025)
- Clemson University Graduate Travel Grant (2025)
- CCS Travel Grant (2024 & 2023)
- CPS-IoT Travel Grant (2024)
- SecDev Travel Grant (2023)

TALKS

- “No Way to Sign Out? Unpacking Non-Compliance with Google Play’s App Account Deletion Requirements”, USENIX Security, Seattle, 2025
- “SkillPoV: Towards Accessible and Effective Privacy Notice for Amazon Alexa Skills”, NDSS, San Diego, 2025

PAPER REVIEW

- IEEE Transactions on Dependable and Secure Computing (TDSC), 2025
- Advances in Social Network Analysis and Mining (ASONAM), 2025
- IEEE International Conference on Distributed Computing Systems (ICDCS), 2025
- External reviewer: IEEE Secure Development Conference (SecDev), 2025
- External reviewer: Workshop on Enhancing Security, Privacy, and Trust in Extended Reality Systems (XRSecurity), 2025
- External reviewer: ACM Conference on Computer and Communications Security (CCS), 2025, 2024
- External reviewer: Annual Computer Security Applications Conference (ACSAC), 2025, 2024
- External reviewer: Workshop on Security and Privacy in Standardized IoT (SDIoTSec), 2024

SERVICES

- Volunteer, USENIX Security, Seattle, 2025
- Mentor, Creative Inquiry + Undergraduate Research, Clemson University, 2024 - 2025

TEACHING EXPERIENCE

Clemson University: Graduate Teaching Assistant (TA) <i>CPSC8570 Network Technologies Security</i>	Clemson, USA <i>Spring 2025</i>
Clemson University: Graduate Teaching Assistant (TA) <i>CPSC4200/6200 Computer Security Principles</i>	Clemson, USA <i>Fall 2024</i>

INDUSTRY EXPERIENCE

Shein: Big Data Engineer <i>Order/Promotion Data Warehouse</i>	Singapore <i>June 2022 - July 2023</i>
<ul style="list-style-type: none">• Built ETL processes for two data marts using AWS, Hive, and SQL to process billions of records at hourly, daily, and monthly cadences.• Designed data APIs and automated push reports (via email or WeCom) using Python, SQL, and HTML.• Participated in company-level projects, including Shein Brazil Mall, Black Friday sales, and Deloitte's finance audit.• Reduced runtime by 20% by tuning Hive parameters, optimizing multi-layer partitioning, and streamlining the data pipeline.• Led the Promotion Platform Reform project, coordinating 100+ tasks across four departments and three countries.	
Shopee: Data Engineer <i>Search/Competitor Intelligence/Shop Flow Data Warehouse</i>	Singapore <i>June 2021 - June 2022</i>
<ul style="list-style-type: none">• Participated in domain, logical, and physical design to translate business requirements into technical specifications.• Supported three product lines by building ETL pipelines with Airflow, Scala, Python, and Spark to ensure hourly and daily data delivery.• Partnered with BI, DA, and PM teams to support UAT, DQC, A/B testing, and business reporting in SQL.• Saved 15% HDFS storage and 20% Spark resources by applying compression techniques and data-layout optimizations.	