

Jingwen Yan

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EDUCATION

Clemson University

PhD Student of Computer Science, Advisor: Dr. Long Cheng

GPA: 4 / 4

Aug 2023 – present

University of Pittsburgh

Master of Information Science

GPA: 3.95 / 4

Aug 2019 – May 2021

Nanjing University of Posts and Telecommunications

Bachelor of Computer Science and Technology

GPA: 3.70 / 5

Aug 2015 – Jun 2019

RESEARCH INTERESTS

IoT Security and Privacy, Policy and Privacy Compliance on Open Platforms

PAPER

- **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
- 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%.
- Song Liao, **Jingwen Yan**, Long Cheng, “Hidden Hub Eavesdropping Attack in Matter-enabled Smart Home Systems”, SDIoTSec 2024

POSTER

- 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

- Travel grant from CCS (2024&2023), CPS-IoT (2024), IEEE SecDev (2023)

WORK EXPERIENCE

Clemson University

Graduate Teaching Assistant

Clemson, SC

Aug 2024 - present

- CPSC-6200/4200 Computer Security Principles, Fall 2024

Clemson University

Research Assistant

Clemson, SC

Aug 2023 - Aug 2024

Shein

Big Data Engineer - Order/Promotion Data Warehouse

Singapore

Jun 2022 - July 2023

- Built ETL process for two data marts using AWS, Hive and SQL to deliver data by hour, day and month
- Designed data-API and push data report with specific format to email or Wecom by Python, SQL and HTML
- Participated company level projects including Shein Brazil Mall, Promotion Platform and Financial Balance Check
- Reduced running time by tuning hive parameters, optimize multi-layer partitions and data pipeline

Shopee

Data Engineer - Search/Competitor Intelligence/Shop Flow Data Warehouse

Singapore

Jun 2021 - Jun 2022

- Participated in domain, logical and physical design to translate business requirements into technical specifications
- Supported 3 product lines by building ETL pipelines using Airflow, Scala, Python and Spark to ensure data delivery

- Partnered effectively with BI, DA and PM teams to assist with UAT, DQC, A/B test and business report using SQL
- Saved 15% HDFS storage and 20% spark resource using compression technique and theory

University of Pittsburgh - HARI Lab

Web and Mobile Developer - Canvas

Pittsburgh, PA

Jun 2020 - May 2021

COMPETITION

2018 MCM problem C: Energy Production - Honorable Mention Award