

Dongwon Shin

Ph.D. Student

Korea Advanced Institute of Science and Technology (KAIST)

Email: godeastone@kaist.ac.kr

Homepage: <https://godeastone.github.io>

EDUCATION

- **Ph.D. in Graduate School of Information Security** MAR. 2024 – PRESENT
KAIST, Daejeon, South Korea
Advisor: Sooel Son
- **M.S. in Graduate School of Information Security** MAR. 2022 – FEB. 2024
KAIST, Daejeon, South Korea
Advisor: Sooel Son
- **B.S. in Cyber Security** MAR. 2018 – FEB. 2022
Ajou University, Suwon, South Korea
Advisor: Taeshik Shon

PUBLICATIONS

(* : equal contribution)

1. **Site Isolation is Dead: How Site Isolation is Broken in Agentic Browsers and Extensions**
Suyoung Lee, Seongho Keum, Changoo Lee, Dongwon Shin, Sanghyun Hong, Byoungyoung Lee, and Sooel Son.
47th IEEE Symposium on Security and Privacy (IEEE S&P 2026).
2. **LLMs Killed Q&A Stars? Analyzing the Impact of LLM-Generated Answers on an Online Q&A Platform**
Dongwon Shin and Sooel Son.
35th The ACM Web Conference (WWW 2026).
3. **Private Investigator: Extracting Personally Identifiable Information from Large Language Models Using Optimized Prompts**
Seongho Keum, Dongwon Shin, Leo Marchyok, Sanghyun Hong, and Sooel Son.
34th USENIX Security Symposium (USENIX Security 2025).
4. **You Only Perturb Once: Bypassing (Robust) Ad-Blockers Using Universal Adversarial Perturbations**
Dongwon Shin, Suyoung Lee, Sanghyun Hong, and Sooel Son.
40th Annual Computer Security Applications Conference (ACSAC 2024).
5. **RICC: Robust Collective Classification of Sybil Accounts**
Dongwon Shin^{}, Suyoung Lee^{*}, and Sooel Son.*
47th IEEE Symposium on Security and Privacy (IEEE S&P 2026).

ACADEMIC SERVICE

- **Program Committee**
The Web Conference (Security and Privacy Research Track)

2026

PATENTS

1. Universal Adversarial Attack Method, Apparatus, and Computer Program for Bypassing Machine Learning-Based AD Blocking Systems

Sooel Son, Dongwon Shin, and Suyoung Lee.

Korea Patent 10-2025-0155816, 2025.

2. Random Sampling-based Collective Classification Method and System for Sybil Account Detection

Sooel Son, Dongwon Shin, and Suyoung Lee.

US Patent 18491570, 2024.

3. Random Sampling-based Collective Classification Method and System for Sybil Account Detection

Sooel Son, Dongwon Shin, and Suyoung Lee.

Korea Patent 10-2023-0070788, 2023.

4. Online Test Cheating Detection and Control System through Digital Data

Dongwon Shin, Sangwoo Kim, Soeun Park, and Junyoung Sun.

Korea Patent 10-2021-0181724, 2021.