Soyoung Lee

✉ soyoungleell@kaist.ac.kr

🌐 https://leexsoyoung.github.io

📍 Daejeon, KR

G Google Scholar   ⓘ ORCID   GitHub

Summary

I am interested in web application security and vulnerability research.

Education

- Ph.D Student, Graduate School of Information Security, KAIST   Present

- M.S., Graduate School of Information Security, KAIST   2022

- B.S., School of Computing, KAIST   2020

Work Experience

- Web Developer Intern, Inc. H2K: 2018 - 2019

Publications

- Zelda: Feedback-driven Closed-box Fuzzing for Identifying Web Application Vulnerabilities *(WWW'26)*
  Soyoung Lee, Sunnyeo Park, Yonghwi Kwon, Sooel Son

- Connecting the Dots: An Investigative Study on Linking Private User Data Across Messaging Apps *(NDSS'26)*
  Junkyu Kang, Soyoung Lee (co-leading author), Yonghwi Kwon, Sooel Son

- Link: Black-box detection of cross-site scripting vulnerabilities using reinforcement learning *(WWW'22)*
  Soyoung Lee, Seongil Wi, Sooel Son

- 강화 학습을 이용한 웹 애플리케이션 취약점 탐지 현황 *(KCC'21)*
  Soyoung Lee, Sooel Son

Teaching

Teaching Assistant

- CS447, 2024 Spring, 2025 Spring Web Security Attack Laboratory

- IS593, 2023 Spring Introductory Special Topics in Security and Privacy

- IS542, 2022 Fall Web Service Security and Privacy

- CS492, 2021 Fall Special Topics in Computer Science (Web Security Attack Laboratory)

- CS206, 2021 Spring Data Structure

Tutor

- KAIST Science Youth Camp: 2017 Summer, 2018 Summer

Academic Service

Program Committee

- WWW, 2026