

# Kiho Lee

Researcher  
ETRI (Electronics and Telecommunications Research Institute), South Korea  
Artificial Intelligence Computing Research Laboratory  
On-Device Artificial Intelligence Research Division  
[Google Scholar](#) | [GitHub Profile](#)

## APPOINTMENTS

**ETRI (Electronics and Telecommunications Research Institute)**, South Korea Jan. 2025 | Present  
Researcher @ Artificial Intelligence Computing Research Laboratory

## EDUCATION

**Sungkyunkwan University (SKKU)**, Suwon, South Korea Mar. 2022 | Feb. 2024  
M.S. in Computer Science and Engineering (Convergence Security Track) Cumulative GPA: 4.31/4.5  
Advisor: Prof. Hyoungshick Kim

**Hongik University**, Seoul, South Korea Mar. 2015 | Feb. 2019  
B.E. in Computer Science and Engineering

## PEER-REVIEWED PUBLICATIONS

[C.7.] “Open Sesame! On the Security and Memorability of Verbal Passwords” [\[PDF\]](#)  
Eunsoo Kim, **Kiho Lee**, Doowon Kim, Hyoungshick Kim  
[\[IEEE S&P ‘25\]](#): The 46th IEEE Symposium on Security and Privacy, San Francisco, USA, 2025.

[C.6.] “7 Days Later: Analyzing Phishing-Site Lifespan After Detected” [\[PDF\]](#)  
**Kiho Lee**, Kyungchan Lim, Hyoungshick Kim, Yonghwi Kwon, Doowon Kim  
[\[WWW ‘25\]](#): The 34th World Wide Web Conference, Sydney, Australia, 2025.

[C.5.] “What’s in Phishers: A Longitudinal Study of Security Configurations in Phishing Websites and Kits” [\[PDF\]](#)  
Kyungchan Lim, **Kiho Lee**, Fujiao Ji, Yonghwi Kwon, Hyoungshick Kim, Doowon Kim  
[\[WWW ‘25\]](#): The 34th World Wide Web Conference, Sydney, Australia, 2025.

[C.4.] “Evaluating the Effectiveness and Robustness of Visual Similarity-based Phishing Detection Models” [\[PDF\]](#)  
Fujiao Ji, **Kiho Lee**, Hyungjoon Koo, Wenhao You, Euijin Choo, Hyoungshick Kim, Doowon Kim  
[\[USENIX Security ‘25\]](#): The 34th USENIX Security Symposium (USENIX Security) 2025.

[C.3.] “An LLM-Assisted Easy-to-Trigger Poisoning Attack on Code Completion Models: Injecting Disguised Vulnerabilities against Strong Detection” Acceptance rate: 18.3% [\[PDF\]](#)  
Shenao Yan, Shen Wang, Yue Duan, Hanbin Hong, **Kiho Lee**, Doowon Kim, and Yuan Hong  
[\[USENIX Security ‘24\]](#): The 33rd USENIX Security Symposium (USENIX Security) 2024.

[C.2.] “Poisoned ChatGPT Finds Work for Idle Hands: Exploring Developers’ Coding Practices with Insecure Suggestions from Poisoned AI Models” Acceptance rate: 17.8% [\[PDF\]](#)  
Sanghak Oh, **Kiho Lee**, Seonhye Park, Doowon Kim, and Hyoungshick Kim  
[\[IEEE S&P ‘24\]](#): The 45th IEEE Symposium on Security and Privacy, San Francisco, USA, 2024.

[C.1.] “AdFlush: A Real-World Deployable Machine Learning Solution for Effective Advertisement and Web Tracker Prevention” Acceptance rate: 20.2% [\[PDF\]](#) [\[CODE\]](#)  
**Kiho Lee**, Chaejin Lim, Beomjin Jin, Taeyoung Kim, and Hyoungshick Kim  
[\[WWW ‘24\]](#): The 33rd World Wide Web Conference, Singapore, 2024.

[P.1.] “Adversarial Perturbation Attacks on the State-of-the-Art Cryptojacking Detection System in IoT Networks (Poster)” [\[PDF\]](#)  
**Kiho Lee**, Sanghak Oh, and Hyoungshick Kim  
[\[CCS ‘22\]](#): The 29th ACM Conference on Computer and Communications Security, Los Angeles, USA, 2022.

## SERVICES

- Reviewer, World Wide Web Conference Security Track, 2025
- Artifact Evaluation Program Committee, USENIX Security Symposium, 2025

## HONORS & AWARDS

---

- Best Student Researcher Award, Sungkyunkwan University, 2024
- Simsan Scholarship (Outstanding Graduate Student), Sungkyunkwan University, 2023
- SKKU CTF Challenge 2nd place, Sungkyunkwan University, 2023
- Software Development Security Hackathon 2st place, Korea Internet & Security Agency (KISA), 2023
- AI Security Technology Detection Competition 1st place, Korea Internet & Security Agency (KISA), 2021

## WORK EXPERIENCES

---

**University of Tennessee, Knoxville**, Knoxville, TN Jan. 2024 | Dec. 2024

- Visiting Research Scholar for Cybersecurity & AI

**ARMY ROTC (RoK Army, Military service)**, South Korea Mar. 2019 | Jun. 2021

- Cyber Intelligence Operations Officer (1st Lt.)
- Radio and Tactical Satellite Platoon Leader (2nd Lt.)

**UPSYSTEMS, INC.**, South Korea

- Software Developer - File Encryption Systems Jan. 2023 | Jun. 2024
- Intern - Software Versioning, Managing IDS/IPS Policies Dec. 2015 | Jun. 2016

## PROJECTS

---

**Machine learning-based web tracker prevention framework** Jun. 2022 | Dec. 2023  
Korea Internet & Security Agency (KISA), South Korea

**Unsupervised learning-based anomaly detection for industrial control systems** Mar. 2022 | Dec. 2022  
National Security Research Institute (NSR), South Korea

**Implementing the Gidra Emulation Plugin for firmware rehosting** May. 2022 | Nov. 2022  
National Security Research Institute (NSR), South Korea

## SKILLS

---

**Language:** C/C++; Rust; Python; JavaScript (TypeScript); SQL (PostgreSQL; Sqlite3); Shell;

**OS:** Debian; CentOS; OpenBSD; Oh, I use arch btw

**Artificial Intelligence:** Pytorch; Tensorflow; AWS SageMaker; PEFT; Transformers;

**Computer Security:**

- **Pentesting:** Web applications; Active Directory; OWASP-ZAP;

- **SRE:** Ghidra; IDA;