

Kiho Lee

Researcher

ETRI (Electronics and Telecommunications Research Institute), South Korea

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APPOINTMENTS

ETRI (Electronics and Telecommunications Research Institute), South Korea
Researcher @ Artificial Intelligence Computing Research Laboratory

Jan. 2025 | Present

EDUCATION

Sungkyunkwan University (SKKU), Suwon, South Korea
M.S. in Computer Science and Engineering (Convergence Security Track)
Advisor: Prof. Hyoungshick Kim

Mar. 2022 | Feb. 2024
Cumulative GPA: 4.31/4.5

Hongik University, Seoul, South Korea
B.E. in Computer Science and Engineering

Mar. 2015 | Feb. 2019

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. *Acceptance rate: 14.8%*
- [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. *Acceptance rate: 19.8%*
- [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. *Acceptance rate: 19.8%*
- [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. *Acceptance rate: 17%*
- [C.3.] “An LLM-Assisted Easy-to-Trigger Poisoning Attack on Code Completion Models: Injecting Disguised Vulnerabilities against Strong Detection” [\[PDF\]](#)
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. *Acceptance rate: 18.3%*
- [C.2.] “Poisoned ChatGPT Finds Work for Idle Hands: Exploring Developers’ Coding Practices with Insecure Suggestions from Poisoned AI Models” [\[PDF\]](#)
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. *Acceptance rate: 17.8%*
- [C.1.] “AdFlush: A Real-World Deployable Machine Learning Solution for Effective Advertisement and Web Tracker Prevention” [\[PDF\]](#) [\[CODE\]](#) [\[Hacker News #1\]](#)
Kiho Lee, Chaejin Lim, Beomjin Jin, Taeyoung Kim, and Hyoungshick Kim
[\[WWW ‘24\]](#): The 33rd World Wide Web Conference, Singapore, 2024. *Acceptance rate: 20.2%*
- [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.

PROJECTS

Tuning-Free Security Control Framework for LLM Code Generation \$220,000 Electronics and Telecommunications Research Institute (ETRI), South Korea	Sep. 2025 Present
Machine learning-based web tracker prevention framework Korea Internet & Security Agency (KISA), South Korea	Jun. 2022 Dec. 2023
Unsupervised learning-based anomaly detection for industrial control systems National Security Research Institute (NSR), South Korea	Mar. 2022 Dec. 2022
Implementing the Gidra Emulation Plugin for firmware rehosting National Security Research Institute (NSR), South Korea	May. 2022 Nov. 2022

WORK EXPERIENCES

University of Tennessee, Knoxville , Knoxville, TN <ul style="list-style-type: none">Visiting Research Scholar for Cybersecurity & AI	Jan. 2024 Dec. 2024
ARMY ROTC (RoK Army, Military service) , South Korea <ul style="list-style-type: none">Cyber Intelligence Operations Officer (1st Lt.)Radio and Tactical Satellite Platoon Leader (2nd Lt.)	Mar. 2019 Jun. 2021
UPSYSTEMS, INC. , South Korea <ul style="list-style-type: none">Software Developer - File Encryption SystemsIntern - Software Versioning, Managing IDS/IPS Policies	Jan. 2023 Jun. 2024 Dec. 2015 Jun. 2016

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

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;