

# JINSEO LEE

## PERSONAL DATA

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Place and Date of Birth: Republic of Korea | 08 February 2002  
Address: 27, Eoeun-ro 42beon-gil, Yuseong-gu, Daejeon, 34139,  
Republic of Korea  
Email: [jinseo.vik.lee@kaist.ac.kr](mailto:jinseo.vik.lee@kaist.ac.kr)  
Website: [allgot.github.io](https://allgot.github.io)

## RESEARCH INTERESTS

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Network security & privacy; anonymity networks; Internet measurements; censorship & surveillance

## EDUCATION

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**KAIST**, Daejeon, Republic of Korea

Ph.D. in Computer Science Feb 2025–Present  
- Advisor: Prof. Min Suk Kang

M.S. in Computer Science Aug 2023–Feb 2025  
- Advisor: Prof. Min Suk Kang  
- Master Thesis: *Measuring DNS-over-HTTPS Downgrades: Prevalence, Techniques, and Bypass Strategies*

B.S. in Computer Science Feb 2019–Aug 2023  
- Double Major in Business and Technology Management  
- *Latin Honors: Cum Laude*

## AWARDS AND HONORS

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**Q-Day Special Student Award** Nov 2025  
President of KAIST: Awarded to 19 teams or individuals for exemplary creativity, active participation across diverse activities, and outstanding achievements (<0.2%)

**Top Poster Reviewers Award** Oct 2025  
ACM CCS '25: Awarded to top 5 reviewers out of 51 (10%)

**Excellence Award** Sep 2025  
The Third AI Hackathon for Network Intelligence: 2nd place out of 94 teams (2%)

**Honorable Mention [1]** Aug 2025  
USENIX Security '25: Awarded to 25 recognized papers out of 407 (6%)

**Presidential Science Scholarship for Graduate Students** Jun 2025–Present  
Korea Student Aid Foundation: Awarded to 121 recipients out of 2,355 applicants (5%)

**Award for Ambitious Failure** Feb 2025  
President of KAIST: Awarded to 3 teams or individuals for contributing to the promotion of a culture of challenge and innovation unafraid of failure (<0.1%)

**Inseong Scholarship** Jan 2025  
KAIST: Awarded to 20 graduate students for exemplary conduct, community service, and contributions to the university's development and reputation (<0.3%)

KAIST Full Scholarship for Graduate Program	Aug 2023–Present
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## REFEREED PUBLICATION

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- [1] **Jinseo Lee**, Hobin Kim, and Min Suk Kang. 2025. Onions Got Puzzled: On the Challenges of Mitigating Denial-of-Service Problems in Tor Onion Services. In *Proceedings of the 34th USENIX Security Symposium* (Seattle, WA, USA) (*USENIX Security ’25*). USENIX Association, Berkeley, CA, USA, 19 pages. <https://www.usenix.org/conference/usenixsecurity25/presentation/lee> (*Recognized with Honorable Mention*)
- [2] **Jinseo Lee**, David Mohaisen, and Min Suk Kang. 2024. Measuring DNS-over-HTTPS Downgrades: Prevalence, Techniques, and Bypass Strategies. *Proc. ACM Netw.* 2, CoNEXT4, Article 28 (December 2024), 22 pages. <https://doi.org/10.1145/3696385>

## TALKS

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<b>Onions Got Puzzled: On the Challenges of Mitigating Denial-of-Service Problems in Tor Onion Services [1],</b> RSAC Conference, San Francisco, CA, USA	Mar 2026
<b>Onions Got Puzzled: On the Challenges of Mitigating Denial-of-Service Problems in Tor Onion Services [1],</b> USENIX Security, Seattle, WA, USA	Aug 2025
<b>Measuring DNS-over-HTTPS Downgrades: Prevalence, Techniques, and Bypass Strategies [2],</b> ACM CoNEXT, Los Angeles, CA, USA	Dec 2024

## PROFESSIONAL SERVICE

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<b>Program Committee</b> Poster/Demo Session Committee at ACM CCS ’25	2025
<b>Artifact Evaluation Committee</b> USENIX Security ’26	2025
PETS ’26	2025
IEEE S&P ’26	2025

## TEACHING AND ADVISING

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<b>Teaching Assistant</b> Introduction to Information Security (Prof. Min Suk Kang, KAIST)	Feb 2026–Jun 2026
Introduction to Computer Networks (Prof. Min Suk Kang, KAIST)	Sep 2025–Dec 2025
Network Security (Prof. Min Suk Kang, KAIST)	Feb 2025–Jun 2025

<b>Undergraduate Student Advising</b> Jongkook Han (KAIST)	Jan 2025–Present
- Designed and evaluated a new side channel attack to deanonymize Tor onion services at scale	

## RESEARCH PROJECTS

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<b>Jailbreaking Attacks against AI Code Assistants</b>	Sep 2025 – Present
Investigating jailbreaking vulnerabilities in AI code assistants	
<b>Deanonymization of Tor Onion Services</b>	Sep 2024–Present
Identified a critical side channel enabling large-scale deanonymization of Tor onion services and evaluated practical mitigation strategies	
<b>DoS Attacks against Tor Onion Services</b>	Aug 2023–Sep 2024
Discovered a serious Denial-of-Service (DoS) vulnerability in Tor client puzzles and collaborated with the Tor Project to address it [1]	
<b>Downgrades of DNS-over-HTTPS</b>	Jan 2023–June 2024
Measured the status of DNS-over-HTTPS downgrades worldwide, uncovering their prevalence, techniques, and bypass strategies [2]	
<b>DUDE (DUPLICATION DETECTOR)</b>	Oct 2022–Dec 2022
Developed a GitHub Action designed to detect duplicate GitHub issues and notify their respective authors ( <a href="#">GitHub Marketplace link</a> )	

## LEADERSHIP EXPERIENCE

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<b>Peer Counselor</b>	Jun 2025–Present
KAIST Counseling Center	
<b>Graduate Student Representative</b>	Aug 2023–Feb 2024
KAIST School of Computing	
<b>Representative</b>	Sep 2022–Jun 2023
KAIST Catholic Student Union Sanarae	
<b>Standing Committee</b>	Apr 2021–Dec 2021
Daejeon Catholic Council of University Students	
<b>Executive</b>	Sep 2019–Dec 2020
KAIST Catholic Student Union Sanarae	

## LANGUAGES

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<b>Korean</b>
Native
<b>English</b>
Professional working proficiency
<b>Norwegian</b>
Elementary proficiency