

Hyunseok Ji

Security Researcher

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Research Interests

I have conducted long-term research on vulnerability analysis and proof-of-concept exploit development across diverse software systems, and I am currently highly interested in automating vulnerability analysis using large language models

Education

Chungnam National University	Daejeon, South Korea
Ph.D. Candidate in Computer Communication and Security (Advisor: Prof. Jaechool Ryu)	03/2016 ~ Present
Chungnam National University	Daejeon, South Korea
M.S. in Computer Communication and Security(Advisor: Prof. Jaechool Ryu)	03/2008 ~ 02/2010
◦ Thesis: <i>Interrupt Monitoring Research for Keylogger Detection and Prevention</i>	
Chungnam National University	Daejeon, South Korea
B.S. in Computer Engineering	03/2000 ~ 02/2008

Experience

Principal Security Researcher	National Security Research Institute (NSR)	12/2012 ~ Present
◦ Security vulnerability analysis		
Security Researcher	KFTC ISAC	01/2012 ~ 12/2012
◦ Performed security vulnerability assessment and analysis on national financial information and communication infrastructures		
Security Researcher	National Security Research Institute (NSR)	02/2010 ~ 11/2011
◦ Security vulnerability analysis		

Awards and Honors

HONORS

Director's Commendation, National Intelligence Service (NIS)	12/2023
Minister's Commendation, Ministry of Science and ICT (MSIT)	07/2023
Certificate of Appreciation, Best of the Best (BoB) Next-Generation Security Leader Program	03/2023
President's Commendation, Chungnam National University	02/2010

AWARDS

Gold Prize, 9th KISA Hacking Defense Competition	07/2012
Certificate of Merit, CODEGATE International Hacking Defense Competition	04/2012
KISA Director's Award, Cyber Attack Virtual Scenario Contest	12/2009
Silver Prize, Financial Information Security New Technology Contest (KFTC)	10/2009
2nd Place, Codegate Security Technology Contest	04/2009
3rd Place, WowHacker Korea Hacking Challenge	07/2007

3rd Place, Hack In The Box Malaysia	06/2007
Silver Prize, Software Vulnerability Discovery Contest (KISA)	08/2006
SIPAC's Award, Wearable PC Contest	11/2005

Professional Activities

Mentor, Vulnerability Analysis Track, Best of the Best (BoB) Next-Generation Security Leader Program	2024
Steering Committee Member, IT Platform Security Research Group, KIISC	2023~2025