




CV


Jeygon Kim (김제곤)

 March 20, 1998

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Education

- **Korea Digital Media High School, Hacking Defense Department** (03/2014 ~ 03/2017) 
 - **Jeonbuk National University, Department of Convergence Technology Engineering** (Dropped out)
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Skills

Through hands-on experience with Web3 and DeFi projects, I have developed a deep understanding of blockchain security, excelling particularly in auditing Solidity-based smart contracts and their associated backend systems. Prior to my focus on Web3, I built extensive by analyzing vulnerabilities in C/C++ and Assembly codebases, focusing on vulnerability research.

I approach challenges with persistence, leveraging strong pattern recognition skills to identify hidden vulnerabilities in complex codebases and systems. Additionally, my ability to quickly grasp context enables me to effectively align team efforts with project goals. This technical foundation, combined with problem-solving capabilities, allows me to excel in diverse roles, from security research and exploit development to project leadership.

Work Experience

◆ 78ResearchLab (05/2022 ~ Present) | Web3 Team Leader, Senior Security Researcher

Led the Web3 security team to successfully audit multiple DeFi projects, maximizing team performance while also conducting vulnerability research in Web2 domains.

Key Projects

- Vulnerability research on the Tor browser
- Windows bug hunting and fuzzing lecture for the Cyber Command
- LG vehicle software vulnerability assessment
- Security audits for DeFi platforms including Meshswap V3, Belt.fi, KLAYswap and more
- Audit of a Node, Express based Bridge backends
- Audits of Account-Abstraction contracts and Nest.js based backends
- Audits of Launchpad contracts and Nest.js based backends

◆ Diffense (05/2021 ~ 05/2022) | Security Researcher

Conducted vulnerability research using source code auditing and fuzzing, culminating in participation in Pwn2Own and gaining global recognition for my skills.

Key Projects

- LG AVN software vulnerability assessment
- VPN server vulnerability research
- Router RCE vulnerability research and exploit development (Pwn2Own)
- Penetration testing for NCSoft

◆ Hayyim Security (02/2018 ~ 10/2020) | Security Researcher

Honed my skills by analyzing vulnerabilities in high-impact programs and managed projects and meetings with international clients.

Key Projects

- Browser vulnerability research
- Antivirus software vulnerability research
- Network protocol vulnerability research

Awards

- Gold Medal, National Information Security Olympiad for Middle and High School Students (2014)
- 4th Place, Inc0gnito CTF (2015)
- Grand Prize, Korea White Hat Contest (2015)
- 3rd Place, Christmas CTF (2015)
- 3rd Place, Catholic University HolyShield CTF (2016)
- Finalist, HDCON (2016)
- Finalist, Cybersecurity Challenge (2023)

Presentations & Talks

- **"IDA: Leveraging Advanced Features for Powerful Analysis"** @Codegate Junior International Conference (2014)
- **"Packet Analysis with Wireshark"** @Hacking Camp (2015)
- **"Hacking Linux Kernel with Rootkit"** @Codegate Junior International Conference (2015)

- **"Fast, Efficient Ways to Hack"** @Codegate Junior International Conference (2016)
 - **"Pwn2Own Austin 2021: Experience and Write-Up"** @Hacking Camp (2022)
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Projects & Bug Bounty

BoB 3rd(Best of the Best, Government-funded program)

- VoLTE vulnerability research in SysSec Lab@KAIST(USIM, Android Communication Stack Reverse Engineering)

Korea Digital Media High School National Hacking Competition (2016)

- Planned and managed the competition as PM

Bug Bounty Participation (KISA, ZDI, etc.)

- Reported vulnerabilities in antivirus software, routers, media players, and more