Youngjoong Kim

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WORK EXPERIENCES

Theori (Cyber Security Tech Startup)   Seoul, Korea
Freelance Research Engineer   Feb. 2025. - Aug. 2025.
    AIxCC(AI Cyber Challenge) Finalist. 3rd Place
    Research on solving fuzz blocker based on LLM Agents (part of AIxCC)

Senior Research Engineer   Aug. 2023. - Feb. 2025.
    Research on LLM-based automatic threat generation and exploitability validation
    Provide Copilot-like security audit report assistant
    Support On-premise LLM Server and Zero-Scaler

Team Lead   Aug. 2023. - Oct. 2024.
    AI for Offensive Security Team Lead / Founder (HR, Hiring, Project, OKR)

Lionrocket (Generative AI Tech Startup)   Seoul, Korea
Research Engineer   July. 2023. - Sep. 2019.
    Reference-based automatic image colorization for Web comics assistant
    Efficient latent space exploration for unique virtual avatar generation
    Reference-based voice cloning for automatic audio book generation
    Support CUDA-based WaveRNN(Kalchbrenner et al., 2018.) accelerator
    Support On-premise Text-to-speech Model Server

Team Lead   July. 2023. - Sep. 2019.
    Research Team Lead / Founder (HR, Project, OKR)

EDUCATION

Seoul National University (Seoul, Korea)   Mar. 2025 - Present
M.S., Major in Computer Science and Engineering
- Advisor: Prof. Jaesik Park

Hanyang University (Seoul, Korea)   Mar. 2018 - Feb. 2025
B.S., Major in Computer Science and Engineering, Minor in Mathematics   GPA: 4.0 / 4.5 (Major GPA: 4.2 / 4.5)

AWARDS AND HONORS

3rd Place   DAPRA AIxCC, 2025
AI Cyber Challenge, Defense Advanced Research Projects Agency, U.S.
Develop the LLM-based Agentic System for Automatic Vulnerability Discovery.

2nd Prize on Application Security Section   Software Contest, KISA 2016
Award of the Ministry of the Interior
Security Auditing on Java-based Mobile Application and Reporting the Threats.

SKILLS

- **Programming Languages:** Python, C/C++, Rust
- **Deep Learning:** Pytorch, Tensorflow, Jax/Flax, CUDA
- **Cyber Security:** Reverse Engineering, Greybox Fuzzing, Secure Coding
- **Communication:** Korean (native), English