

Seunghoon (Hoon) Yang

[hoonyang00@gmail.com] | [453 Giotto, Irvine, CA 92614] | [+1(949) 572-9417]

EDUCATION

University of California, Irvine

Bachelor of Science in Computer Engineering

Dean's List: Winter 2022, Spring 2022, Fall 2022, Fall 2024, Winter 2025

September 2021 – Present

Cumulative GPA: 3.71/4.00

Relevant Coursework: Calculus I-III, Linear Algebra, Differential Equations, Discrete Mathematics, Digital Systems and Logic, Computer Systems, Advanced C Programming, Engineering Probability

WORK EXPERIENCE

Military Service in Korea

Information and Communication Specialist / Republic of Korea Army

Yeoncheon-gun, South Korea

December 2022 – June 2024

- Conducted quarterly on-site visits to 1 direct unit and 4 subordinate battalions to provide comprehensive computer security guidance and inspection of IT systems and infrastructure, ensuring adherence to cybersecurity protocols for enhanced operational reliability
- Ensured uninterrupted network operations by analyzing and resolving communication issues in the Command-and-Control center through 24/7 technical support
- Monitored and resolved software and hardware issues, leveraging advanced maintenance and troubleshooting strategies to achieve a 25% reduction in system downtime
- Fortified the ATCIS security framework using PuTTY and streamlined network infrastructure, facilitating the successful migration and integration of internal and external servers, while simultaneously safeguarding highly sensitive data

PROJECT EXPERIENCE

Ethical Hacker Wannabe

Website Developer

Yongin-si, South Korea

May 2021 – June 2021

- Gained hands-on experience in Linux operations, basic networking, cryptography, and steganography through self-study on TryHackMe
- Created and designed a beginner-friendly website using Google Sites, simplifying complex cybersecurity topics into accessible and actionable content
- Organized a repository of resources, tools, and best practices for beginners in ethical hacking

RELEVANT EXPERIENCE & ACTIVITIES

UCI LikeLion

Irvine, CA

September 2024 – December 2024

- Developed foundational skills in backend development using Java and Spring Boot through structured training modules on Techit, dedicating 6-7 hours weekly to completing structured learning tracks
- Engaged in weekly coding workshops, collaborating with peers to solve coding challenges and problem-solving abilities through hands-on exercises
- Strengthened technical and teamwork capabilities by actively contributing to group discussions, resolving development issues, and supporting team members in solving coding problems

CERTIFICATIONS & SPECIALIZATIONS

DeepLearning.AI TensorFlow Developer Specialization – DeepLearning.AI via Coursera

Embedded Software Development with C – EDUCBA via Coursera

Irvine, CA

February 2025 – March 2025

February 2025 – March 2025

SKILLS

Programming languages: C, C++, Java, Python, LC3 Assembly

Software/Libraries: Linux, PuTTY, Xilinx Vivado, Git, Spring Boot, TensorFlow, STM32CubeIDE

Language: Native in Korean, Fluent in English