

Jihae Ahn
jiha3.github.io
jetroll2014@gmail.com | (470) 926-4489

EDUCATION

Master of Science | Cybersecurity, School of Cybersecurity and Privacy

08/2022 -

Georgia Institute of Technology, Atlanta, GA

- Cumulative GPA : 4.0/4.0 (by 2023 Spring)
- Researching at Systems Software & Security Lab (SSLab)

Bachelor of Engineering | Cyber Defense & IT Convergence Security

02/2018

Korea University, Seoul, South Korea

- Cumulative GPA : 4.18/4.5 (3.87/4.0)
- Full-year College Scholarship

WORK EXPERIENCE

Cyber Operations Command (COC) THREAT ANALYSIS INSTRUCTOR

07/2020 - 08/2022

- Established an evaluation model for cyber exercises in the National Cyber Warfare Center.
- Managed daily maintenance of the server room and 5 training rooms at Cyber Warfare Center.
- Participated in the Task Force (T.F.) to improve C4I system by harnessing data analytics skills.

Agency for Defense Development (ADD) TARGET ANALYSIS OFFICER

07/2018-06/2020

- Implemented a Cyber Training System to simulate cyberwar and evaluate trainees.
- Developed Threat Intelligence (TI) to analyze malware based on API dependency graphs.
- Operated and configured cyber analytical software to detect and prevent cyber attacks.

PAPERS

A Time Limit Setting Method in Cyberwar Trainer

KOREA SOCIETY FOR INTERNET INFORMATION

South Korea | 04/2020

J. Ahn, C. Lee, D. Kim, and M. Ahn (2020)

An Automatic Configuration Method of Training Events in Cyberwar Trainer

KOREA INSTITUTE OF MILITARY SCIENCE AND TECHNOLOGY

South Korea | 11/2019

J. Ahn, C. Lee, D. Kim, and M. Ahn (2019)

Scoring Method for Cyberwar Trainee Evaluation

KOREA INSTITUTE OF MILITARY SCIENCE AND TECHNOLOGY

South Korea | 06/2019

J. Ahn, C. Lee, D. Kim, Y. Kim, and M. Ahn (2019)

TEACHING EXPERIENCE

Student Tutor / Ambassador KOREA UNIVERSITY

09/2016 - 12/2017

Undergraduate Teaching Assistant KOREA UNIVERSITY

03/2017 - 12/2017

PATENTS

An Automated Allotment of Training Events

J. Ahn, C. Lee, D. Kim, D. Lee, and M. Ahn (2021) at ADD

KR Patent No. 10-2242423

- Described how to allot scores of missions by using relative scores, levels, and weighted values in a simulated cyberwar system.

AWARDS & HONORS

- Award for Excellent Performance in Developing the Capacity of Instructors 02/2022
- Meritorious Commendation for an Exemplary Officer for Teaching Donation 12/2019
- Award for Excellent Performance in a Military Training 05/2018
- Full-Year Government Scholarship for Bachelor's Degree 02/2014

SKILLS

- **Language** : Korean (Native), English (Professional proficiency)
- **Programming Language** : C/C++, Python, Mysql, Shell Script, Solidity, HTML/CSS, Java, Javascript, etc
- **Computer Skills** : Penetrating Test(Metasploit), ElasticSearch, Malware Analysis, Network Traffic Analysis, etc.