

# SeokHee Jang(Evan)

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- Mail: [cycloevan97@gmail.com](mailto:cycloevan97@gmail.com)
- Github : <https://github.com/seok-hee97>
- LinkedIn : <https://www.linkedin.com/in/seokhee-jang-73142426a/>

## Summary

I am passionate about contributing to the optimization of global issues and creating a better future through DL/ML.

## Military

2017.01 ~ 2018.12 | Republic of Korea Air Force | Discharged.

- Military Specialty:: Logistics

## Education

- 2016.03 ~ 2023.02 | Kangnam University | Industrial Engineering /Software Engineering | Bachelor's degree
- 2023.04 ~ 2023.12 | KISIA | SDEV (S-Developer) | Education Certificate
- 2023.11.13 ~ 2023.12.08 | KISIA | Cloud Security | Education Certificate
- 2023.10.27 ~ 2023.11.16 | KISIA | Malware analysis and technology trends using AI | Education Certificate
- 2023.11.22 ~ 2023.11.24 | KISIA | ICT convergence industrial security human resources training project blockchain field | Education Certificate

## Career

- 2021.11 ~ 2023.03 Four Chains  
(Goyang-si, Gyeonggi-do, Republic of Korea)
  - Collecting Data(Malware/Benign data)
  - Data Analysis and Feature Extraction
  - ML Modeling
    - CNN(malware-> grayscale image(data preprocessing)),  
Tree Model(LightGBM, Catboost, XGBoost, RF(RandomForest))
  - Develop Probe Anti-Virus Program
    - functions: Quick scan, detailed scan, smart scan, pc cleaner, quarantine.
  - Mathematical definitions and theorems convert into code.

## Skills

- Language : Python, C, C++, Lua, JavaScript, SQL(mysql, postgresql, mongodb)
- Lib : PyQt, Scikit-Learn, Pytorch, Tensorflow, Pandas, Numpy, Django, Flask, PySpark
- Tool : Docker, AWS, Git, Slack, Discord

## Project

### Probe Anti-Virus Program

- link : <https://wadiz.onelink.me/gmeA/h9i75ge4>
- Main functions: Quick scan, detailed scan, smart scan, PC optimization, quarantine

### ML-WAF

- link : <https://github.com/Team-Pyree/mlwaf>
- About Project: Using Nginx event-driven/async IO structure ML endpoint REST API call and MySQL DB Insert Implementation of high-performance firewall through
- Language : Python, Lua
- framework&tool : HTML, Django, Jupyter, Flask, Nginx, AWS(Ec2, Sagemaker, S3), Mysql, SQLite, Docker

## Certifications

- Distribution Management (Level 2)
- Word processor certification
- Microsoft Office Specialist (MOS) Master