

# Changhun Oh

GRADUATE STUDENT

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## Summary

Interested in devising IT infrastructure to support those standing on the shoulders of giants, and learning new technologies and tools.

## Work Experience

### R.O.K.A 3rd Flight Training Wing

INFORMATION SECURITY SPECIALIST (COMPULSORY MILITARY SERVICE)

*Sacheon, S.Korea*

*Jan. 2020 - Oct. 2021*

- Sergeant in the Republic of Korea Air Force.
- My responsibilities as an Information Security Specialist were to protect and maintain military networks and devices.

### MSRA - Microsoft Research Asia Alumni

RESEARCHER

*Beijing, China*

*June. 2018 - Aug. 2018*

- Full-time Research Intern in MSRA System & Networking Group.
- My research topic is related to blockchain especially Ethereum.
- Handling Big data, Ethereum network flow and topology were analyzed.

## Honors & Awards

### INTERNATIONAL

2019 **Finalist**, OCTF Final

*Beijing, China*

2019 **Finalist**, DEFCON 27th CTF Hacking Competition World Final

*Las Vegas, U.S.A*

2017 **Finalist**, DEFCON 25th CTF Hacking Competition World Final

*Las Vegas, U.S.A*

### DOMESTIC

2022 **1st Place**, Best presentation award in the senior research project

*Pohang, S.Korea*

2021 **1st Place**, Best Cyber Warrior Competition

*Daejeon, S.Korea*

2019 **1st Place**, PPC - Postech Programming Contest

*Pohang, S.Korea*

2016-2022 **Scholarship**, Scholar of the National Academic Excellence Scholarship for Science and Engineering

*KOSAF*

2016-2017 **Scholarship**, GLP - Global Leadership Project

*POSTECH CSE Dept.*

## Education

### KAIST (Korea Advanced Institute of Science and Technology)

M.S. IN SCHOOL OF COMPUTING

*Daejeon, S.Korea*

*Sep. 2022 - Present*

- Adviser: Prof. Jongse park

### POSTECH (Pohang University of Science and Technology)

B.S. IN COMPUTER SCIENCE AND ENGINEERING

*Pohang, S.Korea*

*Mar. 2016 - Aug. 2022*

- Cumulative GPA: 3.77
- Major GPA: 3.84

## Extracurricular Activity

### POSCAT (POSTECH Computing Algorithms Team)

MEMBER

*Pohang, S.Korea*

*Mar. 2016 - Aug. 2019*

- Gained expertise in algorithm and AI areas.
- Participated on several algorithm competition.
- Prepared POSTECH-KAIST Science War Festival in field of AI.

## **PLUS (Laboratory for UNIX Security in POSTECH)**

*Pohang, S.Korea*

MEMBER

*Mar. 2016 - Aug. 2022*

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.