

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

Teaching Assistant

TEACHING ASSISTANT

- 2022 Fall Semester, CS230(System Programming) TA
- 2023 Fall Semester, CS411(System for Artificial Intelligence) Head TA

Sacheon, S.Korea

Sep. 2022 - Present

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

INFORMATION SECURITY SPECIALIST (COMPULSORY MILITARY SERVICE)

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

Sacheon, S.Korea

Jan. 2020 - Oct. 2021

MSRA - Microsoft Research Asia Alumni

RESEARCHER

- 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.

Beijing, China

June. 2018 - Aug. 2018

Honors & Awards

INTERNATIONAL

- 2024 **Student Travel Grant**, ISCA 2024
- 2019 **Finalist**, OCTF Final
- 2019 **Finalist**, DEFCON 27th CTF Hacking Competition World Final
- 2017 **Finalist**, DEFCON 25th CTF Hacking Competition World Final

Argentina

China

U.S.A

U.S.A

DOMESTIC

- 2023 **Best TA Award**, Education 4.0 Q
- 2022 **1st Place**, Best presentation award in the senior research project
- 2021 **1st Place**, Best Cyber Warrior Competition
- 2019 **1st Place**, PPC - Postech Programming Contest
- 2016-2022 **Scholarship**, Scholar of the National Academic Excellence Scholarship for Science and Engineering
- 2016-2017 **Scholarship**, GLP - Global Leadership Project

KAIST

POSTECH

ROKAF

POSTECH

KOSAF

POSTECH

Publications

DACAPO: Accelerating Continuous Learning in Autonomous Systems for Video Analytics

ISCA 2024, Buenos Aires, Argentina

Y. KIM, C. OH, J. HWANG, W. KIM, S. OH, Y. LEE, H. SHARMA, A. YAZDANBAKHSH, J. PARK

July. 2024

- DACAPO proposes a hardware-algorithm co-designed solution for continuous learning

Education

KAIST (Korea Advanced Institute of Science and Technology)

PH.D. IN GRADUATE SCHOOL OF AI SEMICONDUCTOR

- Adviser: Prof. Jongse park

Daejeon, S.Korea

Sep. 2024 - Present

KAIST (Korea Advanced Institute of Science and Technology)

M.S. IN SCHOOL OF COMPUTING

- Adviser: Prof. Jongse park
- Cumulative GPA: 4.20 / 4.30

Daejeon, S.Korea

Sep. 2022 - Aug. 2024

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)

MEMBER

Pohang, S.Korea

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.