

# Hoyong Jeong

<https://yongari38.github.io/>

## EDUCATION

---

Korea University  
Bachelor of Computer Science and Engineering  
GPA: 3.96/4.5 (93.8/100) / Major GPA: 4.09/4.5 (95.3/100)

Seoul, Korea  
March 2017 – Present

## PUBLICATION

---

정호용, 류도현, 허준범, “멜트다운 취약점을 이용한 인공신경망 추출 공격”, 정보보호학회논문지 30(6), p.1031-1041, 2020.12.

**Hoyong Jeong**, Dohyun Ryu, Junbeom Hur, “Neural Network Stealing via Meltdown”, The 35th International Conference on Information Networking (ICOIN), p.36-38, 2021.1.

## RESEARCH EXPERIENCE

---

### Artificial Intelligence Laboratory

*Research Intern*

Implemented model-parallel networks for extremely large deep neural networks.

Korea University  
*December 2018 – February 2019*

### 2019 Undergraduate Research Program (11<sup>th</sup> Creative Challenger Program)

*Project Leader*

Developed a novel algorithm for political stance classification of Internet news articles.

*April 2019 – February 2020*

### 2020 Undergraduate Research Program (12<sup>th</sup> Creative Challenger Program)

*Project Leader*

Investigated public Cloud vulnerabilities caused by side-channel attacks.

*April 2020 – February 2021*

### Information System Security Laboratory

*Research Intern*

Analyzed microarchitectural vulnerabilities of the CPU.

Korea University  
*March 2019 – Present*

## AWARD & SCHOLARSHIP

---

AI Drone Hackathon, Best Innovation Award, Intel, 2018

K-Startup Challenge, Promising Start-up Team Award, Ministry of Science and ICT (MSIT), 2019

AI Dataset Competition, Excellence Award, SelectStar Inc, 2020

Cyber Security Paper Competition, Grand Prize, Korea Institute of Information Security & Cryptology (KIISC), 2020

Korea Foundation for Advanced Studies (KFAS) Undergraduate Scholarship, 2019

Korea University Undergraduate Research Program Scholarship, 2019-2021

## LANGUAGE

---

Native in Korean

Fluent in English

TEPS: 525/600 (98<sup>th</sup> Percentile)