

# Yuseop Lee

DEEP LEARNING DEVELOPER

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## Summary

Passionate graduate student at Seoul National University's Interdisciplinary Program in Artificial Intelligence Graduate School with a keen interest in Object Detection and NLP. Earning a Bachelor's degree in Cyber Defense from Korea University with a GPA of 3.57, showcasing a strong academic foundation. Recognized for programming excellence, achieving 13th place at the ACM International Collegiate Programming Contest(ACM-ICPC) Asia Seoul Regional competition. Excited to bridge academic insights from the past with cutting-edge AI pursuits in academia.

## Education

### Seoul National University

MASTER OF SCIENCE IN INTERDISCIPLINARY PROGRAM IN ARTIFICIAL INTELLIGENCE

- Numerical Computing & Image Analysis Lab. (Prof. Myungjoo Kang)
- Full-funded Scholarship

Seoul, S.Korea

Sep. 2023 - Present

### Korea University

BACHELOR OF SCIENCE IN (1ST) CYBER DEFENSE (2ND) IT CONVERGENCE SECURITY

- GPA 3.57/4.5
- Full-funded Scholarship, 2018-2021
- Club: Algorithm, Ice Hockey(Assistance Captain at 2019), Snowboard(President at 2021)

Seoul, S.Korea

Mar. 2018 - Feb. 2023

### Jeonnam Science High School

GRADUATED

- Club: Mathematics, Festival Promotion Committee, Science

Naju-si, S.Korea

Mar. 2015 - Feb. 2018

## Project

### Dress Yourself

AI DEVELOPER

- Customized outfit coordination application using artificial intelligence
- Recommended outfit coordination based on user's clothing
- Recognition and classification of clothing using the YOLO model

Seoul, S.Korea

Apr. 2021 - Nov. 2021

### Law Akinator

AI DEVELOPER

- Q&A-based judicial precedent recommendation web service
- Construction of a judicial precedent classification model using the LSTM structure
- Recommending appropriate precedents for answers through statistical models (Decision Tree, Naive Bayes)

Seoul, S.Korea

Jun. 2020 - Feb. 2021

### Othello AI

AI DEVELOPER

- Artificial Intelligence for Othello game using C++
- Weight learning based on the game process
- Using probability based statistics models through game theory

Naju-si, S.Korea

2016

## Honors & Awards

### MACHINE LEARNING

2020 **Team: 7th Place / Model: 13th Place**, ETRI Autonomous Growth Artificial Intelligence Competition

Online

### ALGORITHM

2022	<b>831th Place</b> , Google Code Jam Round 1B 2022	Online
2022	<b>46th Place</b> , Google Kick Start Round B 2022	Online
2022	<b>Candidate Master</b> , Codeforces	Online
2022	<b>World Rank: 2550th Place / Korea Rank: 35th Place</b> , Google Hash Code 2022 Qualification Round	Online
2021	<b>13th Place</b> , ACM-ICPC Asia Seoul Regional	Seoul, S.Korea
2021	<b>20th Place</b> , Union of Computer Programming Contest(UCPC) Final	Seoul, S.Korea
2021	<b>7th Place</b> , Korea University Collegiate Programming Contest(KCPC) Div.1	Seoul, S.Korea
2020	<b>18th Place</b> , ACM-ICPC Asia Seoul Regional	Seoul, S.Korea
2020	<b>16th Place</b> , Union of Computer Programming Contest(UCPC) Final	Seoul, S.Korea
2019	<b>29th Place</b> , ACM-ICPC Asia Seoul Regional	Seoul, S.Korea
2018	<b>4th Place</b> , Korea University Collegiate Programming Contest(KCPC) Advanced Div	Seoul, S.Korea
2011-2017	<b>Silver Prize(2011,2012,2014-2017) / Bronze Prize(2013)</b> , Korea Olympiad in Informatics(KOI) Final	S.Korea
2016, 2017	<b>Finalist</b> , Nexon Youth Programming Challenge(NYPC)	Seoul, S.Korea
2013-2015	<b>Trainee</b> , International Olympiad in Informatics(IOI)	S.Korea

## Teaching

2020-	<b>Instructor</b> , HelloAlgo	Seoul, S.Korea
2023	<b>Instructor</b> , Dongguk University 2023 Summer SW Bootcamp	Seoul, S.Korea
2019	<b>Instructor</b> , (Soongsil, Korea, Hanyang) Univ. joint programming Camp & Competition	Seoul, S.Korea
2019	<b>Instructor</b> , im4u winter camp	Suwon, S.Korea

## Language Skill

### ENGLISH

2023 **340**, TEPS

## Extracurricular Activity

### SW Maestro

12TH TRAINEE

- Developed "Self Dress Cody", an outfit coordination application, using AI.
- Recognition and classification of clothing using the YOLO model

Seoul, S.Korea  
Apr. 2021 - Nov. 2021

### Creative Challenger Program(CCP) in Korea University

AI DEVELOPER

- Worked on a project called Law Akinator.

Seoul, S.Korea  
Jun. 2020 - Feb. 2021

### International Olympiad in Informatics (IOI)

TRAINEE

- Selected and completed as International Olympiad in Informatics(IOI) trainee.

Seoul, S.Korea  
Jul. 2013 - Feb. 2015