

# Yuseop Lee

MACHINE LEARNING DEVELOPER

92-50, Samsan-ro, Suncheon-si, Jeollanam-do, Republic of Korea

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## Summary

Dedicated and friendly programmer with 12 years of study in algorithm who is interested in deep learning. I won 13th place in the ACM International Collegiate Programming Contest (ACM-ICPC) Asia Seoul Regional. I have been taking a Korea University course in cyber defence and averaging a 3.57. Keen to utilize my skills in study of object detection and natural language processing.

## Education

### Korea University

Seoul, S.Korea

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

Mar. 2018 - Feb. 2023

- GPA 3.57/4.5
- Full-funded Scholarship, 2018-2021

### Jeonnam Science High School

Naju-si, S.Korea

GRADUATED

Mar. 2015 - Feb. 2018

## Project

### Dress Yourself

Seoul, S.Korea

AI DEVELOPER

Apr. 2021 - Nov. 2021

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

### Law Akinator

Seoul, S.Korea

AI DEVELOPER

Jun. 2020 - Feb. 2021

- 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)

### Othello AI

Naju-si, S.Korea

AI DEVELOPER

2016

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

## 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
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

### HelloAlgo

Seoul, S.Korea

INSTRUCTOR OF ALGORITHM

Jul. 2020 -

- Assisted the students for the KOI and USACO competitions.
- Made about 100 algorithmic problems.

### SW Maestro

Seoul, S.Korea

12TH TRAINEE

Apr. 2021 - Nov. 2021

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

### FLIP

Seoul, S.Korea

PRESIDENT-2021

Mar. 2018 -

- The snowboard club in Korea University.

### TIGRIS

Seoul, S.Korea

ASSISTANCE CAPTAIN-2019

Mar. 2018 - May. 2022

- The ice hockey club in Korea University.

### AlKor

Seoul, S.Korea

MEMBER

Mar. 2018 - Feb. 2022

- The algorithm club in Korea University.

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

Seoul, S.Korea

AI DEVELOPER

Jun. 2020 - Feb. 2021

- Worked on a project called Law Akinator.

### International Olympiad in Informatics (IOI)

Seoul, S.Korea

TRAINEE

Jul. 2013 - Feb. 2015

- Selected and completed as IOI trainee.