

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

Teaching

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|-------|---|----------------|
| 2020- | Instructor , HelloAlgo | Seoul, S.Korea |
| 2019 | Instructor , (Soongsil, Korea, Hanyang) Univ. joint programming Camp & Competition | Seoul, S.Korea |
| 2019 | Instructor , im4u winter camp | Suwon, S.Korea |

Language Skill

ENGLISH

| | |
|------|-------------------|
| 2023 | 340 , TEPS |
|------|-------------------|

Extracurricular Activity

HelloAlgo

INSTRUCTOR OF ALGORITHM

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

Seoul, S.Korea

Jul. 2020 -

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

FLIP

PRESIDENT-2021

- The snowboard club in Korea University.

Seoul, S.Korea

Mar. 2018 -

TIGRIS

ASSISTANCE CAPTAIN-2019

- The ice hockey club in Korea University.

Seoul, S.Korea

Mar. 2018 - May. 2022

AlKor

MEMBER

- The algorithm club in Korea University.

Seoul, S.Korea

Mar. 2018 - Feb. 2022

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 IOI trainee.

Seoul, S.Korea

Jul. 2013 - Feb. 2015