Yuseop **Lee**

MACHINE LEARNING DEVELOPER

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"Don't judge each day by the harvest you reap but by the seeds that you plant."

Summary

I am a machine learning developer from South Korea. I am interested in algorithm and deep learning. I love reading, exercising and communicating!

Education

Korea University   *Seoul, S.Korea*
B.S. IN (1ST) CYBER DEFENCE (2ND) IT CONVERGENCE SECURITY   *Mar. 2018 - Aug. 2022*

- GPA 3.57/4.5
- Full-funded Scholarship, 2018-2021
- Club: Algorithm, Snow board(President at 2021), Ice hockey(Assistance captain at 2019)

Jeonnam Science High School   *Naju-si, S.Korea*
GRADUATED   *Mar. 2015 - Feb. 2018*

- Club: Algorithm(President), Mathematics, Festival Promotion Committee

Work Experience

SW Maestro   *Seoul, S.Korea*
12TH TRAINEE   *Apr. 2021 - Nov. 2021*

- Developed "Self Dress Cody", a coordination application, using AI.

HelloAlgo   *Seoul, S.Korea*
INSTRUCTOR OF ALGORITHM   *Jul. 2020 - Jun. 2021*

Project

Dress YourSelf   *Seoul, S.Korea*
AI DEVELOPER   *Apr. 2021 - Nov. 2021*

- customized coordination application using artificial intelligence
- https://github.com/lys7aves/DYS
- Recommended coordination based on user's clothing
- Recognition and classification of clothing using the YOLO model
- Development of recommended combination selection model based on clothing color

Law Akinator   *Seoul, S.Korea*
AI DEVELOPER   *Jun. 2020 - Feb. 2021*

- Q&A-based judicial precedent recommendation web service
- https://github.com/lys7aves/LawAkinator
- Korea University Creative Challenger Program for the 2020-2 semester
- Use big data to generate judicial precedent based queries
- Construction of a judicial precedent classification model using the LSTM structure
- Recommending appropriate precedents for answers through statistical-based models (Decision Tree, Naive Bayes)

Othello AI   *Naju-si, S.Korea*
AI DEVELOPER   *2016*

- Produced Othello Game Artificial Intelligence
- https://github.com/lys7aves/othello
- Create game console UI and artificial intelligence using C++

Honors & Awards

Machine Learning

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

Algorithm

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*
2015 - 2017	**Silver Prize**, Korea Olympiad in Informatics(KOI) Final	*Gyeongsan, S.Korea*
2016, 2017	**Finalist**, Nexon Youth Programming Challenge(NYPC)	*Seoul, S.Korea*
2014	**Silver Prize**, Korea Olympiad in Informatics(KOI) Final	*Suncheon, S.Korea*
2013	**Bronze Prize**, Korea Olympiad in Informatics(KOI) Final	*Cheongju, S.Korea*
2012	**Silver Prize**, Korea Olympiad in Informatics(KOI) Final	*Incheon, S.Korea*
2011	**Silver Prize**, Korea Olympiad in Informatics(KOI) Final	*Cheonan-si, S.Korea*

Extracurricular Activity

International Olympiad in Informatics (IOI)   *Seoul, S.Korea*

Trainee   *Jul. 2013 - Feb. 2015*