

JunHyeok Seo

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Summary

I am a student at Yonsei University who is interested in **medical AI and computer vision and machine learning** and is studying related development and research.

Interested in

Computer vision- accurate and fast medical diagnosis and precise treatment

Machine learning- Since patient data is smaller than typical data, I would also like to research **efficient AI training methods**.

Reinforcement Learning - I became interested in reinforcement learning because it enables AI models to develop creativity through innovative training methods.

Education

YeongIl Highschool(in pohang)	2019 – 2021
Yonsei University(Junior)	2022-
Medical leave of absence for leg-related health reasons and returned.	2023-2024

Club Activity

Kakao MODU Scholarship Program	2025
• Selected as a nationwide Kakao MODU scholarship recipient for students with disabilities in science and engineering, and participated in various activities related to career planning.	
Morgorithm	2024.03-2025.02
• Interested in PS, I learned about and analyzed algorithms by solving problems that appeared in competition(ICPC)s with other members	
Liberal arts	2025
• Interested in philosophy and engaged in discussions with club members on various philosophical ideas and contemporary social issues.	

Personal Activities

Deep learning From Scratch 1,2	2022.07-2022.08
• Studying to build basic knowledge related to deep learning . Through this activity, I also learned about various functions related to Python, including numpy.	
CS229-Andrew Ng(2018-autumn)-on youtube	2024.06-2024.07
• I was curious about the applications of machine learning , so I listened to the lecture on YouTube. Solve problem sets with others, share solution methods, and analyze problems.	
Algorithmic Problem Solving Strategies	2024.01-2024.09
• I learned about the principles behind each algorithm , what situations they are actually used in , and how to use them efficiently .	
Image Processing for Engineering and Science Specialization(Coursera)	2024.09
• Because I am interested in computer vision , I am studying courses at Coursera that cover how to use Matlab	

and basic knowledge related to computer vision.

Reinforcement Learning and AI Systems Study Group

2024-2025,

2025.05-2025.08

- Recognized the need to deepen my understanding of both subjects and organized a study group through mentoring, focusing on reinforcement learning and AI system fundamentals.

Technologies

Languages: Korean(native), English(TOEIC: speaking and writing: 820)

Computer Languages: C++, python

Technologies: tensorflow, numpy, pandas, basic algorithm