

# JunHyeok Seo

email: junhyeoks@yonsei.ac.kr | id: 2022149009

GPA: 3.08/4.3(major: Artificial Intelligence) website: jushcooly.github.io

## 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

---

|   |                 |
|---|-----------------|
| <b>Kakao MODU Scholarship Program</b>   | 2025            |
| <ul style="list-style-type: none"><li>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.</li></ul> |                 |
| <b>Morgorithm</b>   | 2024.03-2025.02 |
| <ul style="list-style-type: none"><li>Interested in PS, I learned about and analyzed algorithms by solving problems that appeared in competition(ICPC)s with other members</li></ul>  |                 |
| <b>Liberal arts</b>   | 2025            |
| <ul style="list-style-type: none"><li>Interested in philosophy and engaged in discussions with club members on various philosophical ideas and contemporary social issues.</li></ul>  |                 |

## Personal Activities

---

|   |                 |
|---|-----------------|
| <b>Deep learning From Scratch 1,2</b>   | 2022.07-2022.08 |
| <ul style="list-style-type: none"><li>Studying to build <b>basic knowledge related to deep learning</b>. Through this activity, I also learned about various functions related to Python, including numpy.</li></ul>                    |                 |
| <b>CS229-Andrew Ng(2018-autumn)-on youtube</b>  | 2024.06-2024.07 |
| <ul style="list-style-type: none"><li>I was curious about the <b>applications of machine learning</b>, so I listened to the lecture on YouTube. Solve problem sets with others, share solution methods, and analyze problems.</li></ul> |                 |
| <b>Algorithmic Problem Solving Strategies</b>   | 2024.01-2024.09 |
| <ul style="list-style-type: none"><li>I learned about the <b>principles behind each algorithm</b>, what situations they are <b>actually used in</b>, and <b>how to use them efficiently</b>.</li></ul>                                  |                 |
| <b>Image Processing for Engineering and Science Specialization(Coursera)</b>  | 2024.09         |
| <ul style="list-style-type: none"><li>Because I am interested in <b>computer vision</b>, I am studying courses at Coursera that cover how to use <b>Matlab</b></li></ul>  |                 |

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