SeokWon **Choi**

ROBOTICS · SLAM · COMPUTER VISION

50, Gumi-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

(+82) 10-2883-7858　|　csw609@naver.com　|　csw609

"Let's make something that is widely beneficial to the world."

Summary

Interested in Robotics, SLAM and Computer Vision. I've dealt with ROS, C++, Python, Pytorch, Java, android, Matlab. Passionate man who want to create new and useful things.Hope that one day what I have created will be useful to many people in the world.

Education

KwangWoon University　　　　　　　　　　　　　　　　　　　　　　　　　　　*Seoul, S.Korea*
B.S. IN SCHOOL OF ROBOTICS　　　　　　　　　　　　　　　　　　　　*Mar. 2017 - Feb. 2023(Expected)*
- Current GPA : 4.35/4.50, Current Major GPA : 4.50/4.50
- Club : BARAM(Robotics Academic Group)

Work Experience

Robotics A.I. lab @KwangWoon Univ　　　　　　　　　　　　　　　　　　　*Seoul, S.Korea*
UNDERGRADUATE LAB INTERN　　　　　　　　　　　　　　　　　　　　　　*Mar. 2021 - Aug. 2021*
- I have used several SLAM or related packages on ROS, and learned how to use ROS and the principles of SLAM.
- By reading several SLAM papers, I learned not only the principles of SLAM but also how to read the papers.

Honors & Awards

AWARDS

2020.11　**Dean's List**, for Academic Excellence　　　　　　　　　　　　*KwangWoon Univ.*

HONORS

2020-2　**Full tuition Scholarship**, for Top seat last semester　　　　　　*KwangWoon Univ.*

Skills

Programming　C++/C, Python, JAVA, Matlab
DevOps　ROS
Framework　Pytorch
Languages　Korean(native), English(TEPS:304)

Extracurricular Activity

Multi-Robot SLAM and Path Planning　　　　　　　　　*Robotics A.I. lab(KwangWoon Univ.)*
SLAM, ROS　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Apr. 2021 - present*
- It aims to autonomously drive multiple jetbots on ROS.
- I was in charge of applying mapping, localization, and navigation.
- Through this project, I dealt with ROS and SLAM.

DeepLearning Basics with Pytorch　　　　　　　　　　　　　　　　　　　　*Individual*
DEEPLEARNING, PYTORCH　　　　　　　　　　　　　　　　　　　　　　*Jan. 2021 - Mar. 2021*
- I have covered the basics of deep learning with the PyTorch framework.

Parking Lot Map Application　　　　　　　　　　　　　　　　　*Team Project(Club BARAM)*
ANDROID, JAVA　　　　　　　　　　　　　　　　　　　　　　　　　　*Aug. 2020 - Dec. 2020*
- We have created an application that informs the location and fee of the parking lot.
- As a team leader, I was in charge of overall Android coding.
- Through this project, I learned how to collaborate code and how to use JAVA.