



# SeokWon Choi

ROBOTICS · SLAM · COMPUTER VISION

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"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. Passionated 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

<b>Programming</b>	C++/C, Python, JAVA, Matlab
<b>DevOps</b>	ROS
<b>Framework</b>	Pytorch
<b>Languages</b>	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

DEEPLARNING, 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.