



SeokWon Choi

ROBOTICS · SLAM · COMPUTER VISION

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"Widely beneficial to the world."

Introduction

This is SeokWon Choi who want to create new and useful things. I am interested in Robotics, SLAM and Computer Vision. Because I think these technologies will make something useful for people. Hope that one day what I have created will be useful to many people in the world.

Education

KwangWoon University

B.S. IN SCHOOL OF ROBOTICS

Seoul, S.Korea

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

UNDERGRADUATE LAB INTERN

Seoul, S.Korea

Mar. 2021 - present

- Research on SLAM, Path Planning.
- Participated in the Multi-Robot automatic driving project.

Honors & Awards

AWARDS

2020.11 **Dean's List**, for Academic Excellence

KwangWoon Univ.

2021.10 **Dean's List**, for Academic Excellence

KwangWoon Univ.

HONORS

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

KwangWoon Univ.

2021-1 **Half tuition Scholarship**, for 2nd seat last semester

KwangWoon Univ.

Skills

Programming	C++/C, Python, JAVA, Matlab
DevOps	ROS
Framework	Pytorch
Languages	Korean(native), English(TEPS:336)

Extracurricular Activity

Multi-Robot automatic driving

Robotics A.I. lab(KwangWoon Univ.)

SLAM, ROS

Apr. 2021 - present

- It aims to automatic drive multiple mobile robots 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

ANDROID, JAVA

Team Project(Club BARAM)

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.