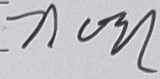
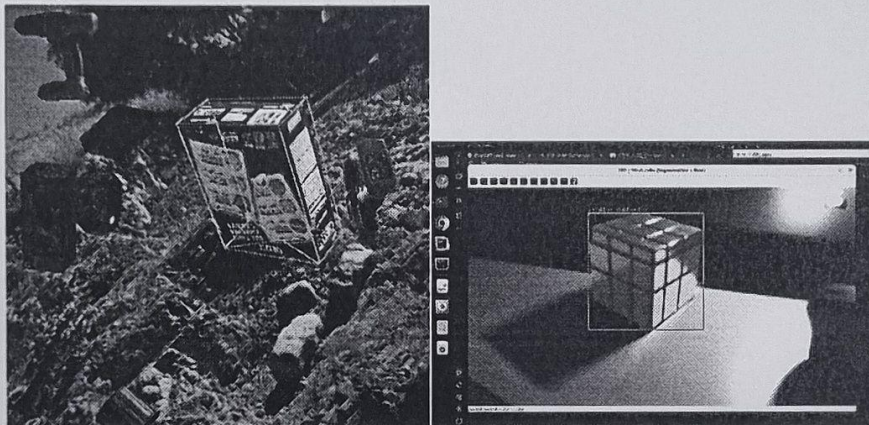


Biweekly Research Progress Report

Name	: Joungbin Choi	
Advisor	: Prof. Young-Keun Kim	(signature) 
Period	: Week 11	
WBS	: Construct the system in real world and study on CenterPose model	

Research Results in This Biweek

- Setting up basic system of robot arm and depth camera to implement the pick and place in real world.
- To utilize isaacsim well, I study on CenterPose model which is a pose estimation model. Because Isaacsim has a high quality of rendering and physics engine, it is possible to make lots of dataset easily.



Research Items in Next Biweek

1. Develop real implementation system
2. Finished pick and place in simulation with suction grip
3. Train CenterPose model

Issues and Overall Progress

- Possible to grab the pallet with stick gripper which has to go into the holes in pallet

사유서

기전융합종합설계

22200757

최정빈

2025.11.18

프로젝트 성과 정리 미흡과 보고가 늦어짐으로 인해 11주차 biweekly 보고서 제출이 늦었습니다.

지도 교수

김영근

(서명)

