JaeSung Ahn

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🐙 github.com/voyagerahn

EDUCATION

Seoul National University of Science and Techonology   Mar 2020 – Aug 2022
B.S. in Mechanical System Design Engineering (Advisor: Prof. Chibum Lee)

EXPERIENCE

Korea Institute of Sience and Technology (KIST), Seoul, Korea   Sep 2021 - Present
Undergraduate Student Researcher (Advisor: Ph.D. Yisoo Lee)
- Implemented Quadratic Programming(QP) force-based control framework for 12DOF quadruped robot
- Initiated research project that used reinforcement learning to control how robots would move like real animals and react in challenging environments

HONORS AND AWARDS

Merit-based Scholarship   2018 - 2019

Undergraudate Conference Award   12/01/2018

Outstanding Design Award   01/11/2020
Awarded by The Hong Kong University of Science and Technology (HKUST),
Sungkyunkwan University (SKKU)

2021 SRC IRC Intelligent Robot   10/30/2021
4th place, Awarded by Dean of Engineering

EXTRACURRICULAR ACTIVITIES

Member of Robotics Research Club 'Thot', SeoulTech   Feb 2020 – Sep 2020
Undergraduate Student (Advisor: Prof. Donghwan Kim)
- Designed, fabricated, tested robots(e.g. drones, manipulator)
- Contributed to Deep learning based Bin Picking & Inserting project that used fully convolutional model for real-time image segmentation

Colloquium
Kakao Brain, 07/19/2021
- Self-supervised Representation Learning with Contrastive Loss

PROFESSIONAL TRAINING

Nvidia Certification, Nvidia Deep Learning Institute, 12/02/2021
Fundamentals of Deep Learning

SKILLS

- C, C++, Java, R, Python, Matlab, Swift
- Pytorch, TensorFlow, MuJoCo, Raisim
- Vim, git, cmake, shell script
- NX, OrCAD, ANSYS