

Minseok Kong

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EDUCATION

SOGANG UNIVERSITY

M.S. in Computer Science and Engineering (Applied Data Engineering)

- Advised by Prof. Jungmin So in the Intelligent Connected Systems Lab.

Seoul, South Korea
February 2022 – August 2024

UNIVERSITY OF TORONTO

Full-time exchange M.S. student in the Faculty of Applied Science and Engineering

- IITP Applied AI Program at UofT

Toronto, Canada
January 2024 - June 2024

SOGANG UNIVERSITY

B.S. in Economics and Bigdata Science

Seoul, South Korea
March 2014 - February 2022

PUBLICATIONS

International

- [1] **Empirical Analysis of Automated Stock Trading Using Deep Reinforcement Learning**
Minseok Kong and Jungmin So
MDPI Applied Sciences, 2023

PROJECTS

- **Efficient Human Detection Leveraging YOLOv8 Nano on ROS: A Comparative Study of RGB-D and RGB Cameras (collaborated with Cyberworks Robotics), January 2024 – June 2024**
 - Implementation and optimization of two ROS packages for efficient human detection using RGB and RGB-D cameras, including a comparative analysis of their setups for depth estimation and object detection, and model optimization for low CPU usage through conversion and quantization techniques.
- **Real-time Motorcycle Tracking Leveraging YOLOv7 on Jetson Nano, September 2022 – December 2022**
 - By leveraging YOLOv7 to an embedded system (NVIDIA Jetson Nano), tracking motorcycles on the road in real-time.