Minseok Kong

# Education

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**SOGANG UNIVERSITY** Seoul, South Korea

*M.S. in Computer Science and Engineering (Applied Data Engineering) February 2022 – August 2024*

* Supervised by Prof. Jungmin So in the Intelligent Connected Systems Lab.

**UNIVERSITY OF TORONTO** Toronto, Canada

*Full-Time exchange M.S. student in the Faculty of Applied Science and Engineering January 2024 – June 2024*

* IITP Applied AI Program at UofT

**SOGANG UNIVERSITY** Seoul, South Korea

*B.S. in Economics and Bigdata Science 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.

Last updated on Jun 27, 2024