Minseok Kong

ksjscott@naver.com

EDUCATION

SOGANG UNIVERSITY Seoul, South Korea
M.S. in Computer Science and Engineering (Applied Data Engineering) *February 2022 – August 2024*
- Advised by Prof. Jungmin So in the Intelligent Connected Systems Lab.

UNIVERSITY OF TORONTO Toronto, Canada
M.S. 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**, *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.
- **ContextAug: Combat Contextual-bias Augmentation Method for Multi-Label Classification**, *September 2022 – December 2022*
  - The proposal of ContextAug, a data augmentation methodology aimed at mitigating visual biases among co-occurring objects, integration into vision models to reduce contextual bias and enhance multi-label classification performance to some extent.