

# Minseok Kong

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## EDUCATION

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### **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**

*M.S. 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

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### International

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

## PROJECTS

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- **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.