MinJae Kim

Mail: joy4mj at yonsei.ac.kr & joy4mj123 at gmail.com
Personal page: mjkim001130.github.io | **GitHub**: https://github.com/mjkim001130

EDUCATION

Yonsei University, Mirae Campus   Wonju, Korea
Major: Information & Communication Engineering   Expected: Feb 2025

Overall GPA: 3.57/4.3 | Major GPA: 3.7/4.3

RESEARCH INTERESTS

- Reinforcement Learning
- Planning
- Robotics

PUBLICATIONS

1. **Min-Jae Kim**, Jin-Seong Kim, Seok-Won Hong, Hyeon-Jin Jung, Seok-Hwan Choi
   A Deep Q-Network Multi-Agent Framework for Effective Network Intrusion Detection (Conference on KCC, 2024)

2. Seok-Won Hong, Jin-Seong Kim, **Min-Jae Kim**, Seok-Hwan Choi
   Graph Transformer Network based Wireless Network Intrusion Detection System (Conference on ASK, 2024)

PROJECTS

Probabilistic Inference in Autonomous Driving   05, 2024

- Autonomous Driving in Unity by Naive Bayes Classifier
- Autonomous Driving in Unity by Bayesian Estimation

RESEARCH EXPERIENCES

- Undergraduate research intern at AIS LAB, Yonsei University, Korea   02, 2024 − 11, 2024

- Undergraduate reseacrch intern at HAN LAB, Yonsei University, Korea   11, 2024 −

COURSEWORK

- **Mathematics**: AI Mathematics, Engineering Mathematics, Probability and Statistics

- **Machine Learning:** Machine Learning, Sequential Decision Making

- **Robotics:** Robot Algorithm, Modeling & Simulation, Linear System

SKILLS

Programming : C, Python (Pytorch), C# (Unity), MATLAB
Simulator : Coppeliasim, IsaacSim, Unity