MinJae Kim

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Personal page: mjkim001130.github.io | **GitHub**: https://github.com/mjkim001130

EDUCATION

Yonsei University, Mirae Campus <div align="right">Wonju, Korea</div>
Major: Information & Communication Engineering <div align="right">Expected: Feb 2025</div>

<div align="right">Overall GPA: 3.57/4.3 | Major GPA: 3.7/4.3</div>

RESEARCH INTERESTS

- Reinforcement Learning
- Planning
- Robotics

PUBLICATIONS

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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

Tic-Tac-Toe *Sequential Decision Making Process* <div align="right">06, 2024</div>

- Making Tic-Tac-Toe with simple Decision Making and RL

Probabilistic Inference in Autonomous Driving <div align="right">05, 2024</div>

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

RESEARCH EXPERIENCES

- Undergraduate research at AIS LAB, Yonsei University, Korea <div align="right">02, 2024 –</div>

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