Minseok Seo

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Education

2023-25   **M.S.**, AI Graduate School, Gwangju Institute of Science and Technology (GIST)
2017-23   **B.S.** Computer Engineering, Hanbat National University (HBNU)

Research Experience

2025–   Part time Researchser, MIC Lab (Advisor: Prof. Kyunghwan Choi), Korea Advanced Institue of Science and Technology (KAIST)

Journal Articles

J1. Choi, K., Shin, S. & **Seo, Minseok**. Cooperative Merging in Mixed Traffic Based on Strategic Influence of Connected Automated Vehicles on Human-Driven Vehicle Behavior. *Advanced Intelligent Systems*, 2400797 (2025).

International Conference papers

C1. **Seo, Minseok**, Shin, S., Kim, K. & Choi, K. *Reinforcement Learning-Based Collision Avoidance of a Connected and Automated Vehicle at Merging Roads* in *2023 International Workshop on Intelligent Systems (IWIS)* (2023), 1–5.

Domestic Conference papers

D1. **Seo, Minseok** & Choi, K. *라그랑지안 기반 제약 강화 학습을 통한 자율 주행 시스템의 상태별 안정성 보장* in *2025 한국자동차공학회 춘계학술대회* (2025), 802–802.

D2. **Seo, Minseok** & Choi, K. *어텐션 메커니즘 기반 강화학습을 활용한 교차로 및 합류 구간에서의 커넥티드 자율주행차 경로제어* in *2023 한국자동차공학회 추계학술대회* (2023), 725–725.

D3. **Seo, Minseok**, Han, J., Jeong, I. & Kyungho, H. *ABSA 기반 영화 리뷰 감상 포인트 분석 시스템* in *2022 한국통신학회 추계종합학술발표회* (2022), 963–964.

D4. **Seo, Minseok** & Kyungho, H. *LightGBM을 이용한 다크넷 트래픽 분류* in *2022 한국통신학회 하계종합학술발표회* (2022), 1606–1607.

*Expected.

Under Review papers

U1. Seo, M. & Choi, K. *State-Dependent Lagrange Multipliers for State-Wise Safety in Constrained Reinforcement Learning*
Submitted to International Conference on Robot Intelligence Technology and Applications (RiTA).

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