MINSEOK JEONG PH.D.

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EDUCATION

School of Electrical Engineering, KAIST

Daejeon, Korea

Ph.D. in Autonomous Control and Stochastic Systems Lab.

2025 - 2029 (expected)

• Advisor: Prof. SooJean Han

School of Electrical Engineering and Computer Science, GIST

Gwangju, Korea

M.S. in Intelligent Information Systems Lab.

2021 - 2024

• Advisor: Prof. Euiseok Hwang

• Thesis: The Dissemination of Time-Varying Information in Heterogeneous Network: A Delayed Reward Perspective

SungKyunKwan University

Suwon, Korea

B.S. in Systems Management Engineering (Industrial Engineering)

2013 - 2021

Research Interests **Statistical learning theory**: Behavior cloning, Conformal prediction, Randomized sketch **Linearization Methods**: Kernel methods, Koopman operator theory.

PUBLICATIONS

- 1. Minseok Jeong*, Giup Seo*, Euiseok Hwang, "Mitigating Instability in High Residual Adaptive Sampling for PINNs via Langevin Dynamics", The Conference on Neural Information Processing Systems, spotlight(<3.2%, 688/21575), 2025.
- 2. Minseok Jeong, Giup Seo, Euiseok Hwang, "Geomixup: Robust Radio Frequency Based Indoor Localization Leveraging Geographic Information", *IEEE International Conference on Communications*, 2024, Workshop.
- 3. Minseok Jeong, Giup Seo, Euiseok Hwang, "Age of Information Optimization by Deep Reinforcement Learning for Random Access in Machine Type Communication", IEEE International Conference on Big Data, 2022, Poster.

Awards and Honors Best Poster Award, School of Electrical Engineering and Computer Science, GIST, Korea 2022.05