Gaon An.

white0234@mllab.snu.ac.kr
http://github.com/dssrgu/

Education

Sep 2019 – Present
M.S./Ph.D. in Computer Science, Seoul National University.

Mar 2013 – Aug 2019
B.A. in Economics, Seoul National University.
Summa Cum Laude
Minor in Computer science.

Experience

Jun 2022 – Sep 2022,
Dec 2023 – Present
Research Intern, DeepMetrics.
Working on developing an automatic ventilator controller with reinforcement learning.

Dec 2017 – Feb 2018
Research Intern, Optimization and Financial engineering lab, SNU.
Research on genetic algorithms.

Publications

Conference Proceedings

1. G. An, J. Lee, X. Zuo, N. Kosaka, K.-M. Kim, and H. O. Song, "Direct preference-based policy optimization without reward modeling," in *Neural Information Processing Systems*, 2023.
2. Y. Jeong, D. Lee, G. An, C. Son, and H. O. Song, "Optimal channel selection with discrete qcqp," in *International Conference on Artificial Intelligence and Statistics*, 2022.
3. S. Moon, G. An, and H. O. Song, "Preemptive image robustification for protecting users against man-in-the-middle adversarial attacks," in *AAAI Conference on Artificial Intelligence*, 2022.
4. G. An, S. Moon, J.-H. Kim, and H. O. Song, "Uncertainty-based offline reinforcement learning with diversified q-ensemble," in *Neural Information Processing Systems*, 2021.
5. S. Moon, G. An, and H. O. Song, "Parsimonious black-box adversarial attacks via efficient combinatorial optimization," in *International Conference on Machine Learning*, 2019.

Miscellaneous Experience

Academic Services

Conference reviewer
ICML (2021-2024), NeurIPS (2021-2024), ICLR (2022-2024).

Teaching

Teaching Assistant
Introduction to Deep Learning (2019, 2022), Engineering Mathematics 2 (2020)

Talks

SNU AI Retreat
Direct Preference-based Policy Optimization without Reward Modeling, 2023.

Miscellaneous Experience (continued)

LG Tech Talk — Uncertainty-Based Offline Reinforcement Learning with Diversified Q-Ensemble, 2022.

CJ Logistics Tech Talk — Uncertainty-Based Offline Reinforcement Learning with Diversified Q-Ensemble, 2022.

SNU AI Retreat — Uncertainty-Based Offline Reinforcement Learning with Diversified Q-Ensemble, 2022.