

Hyunseung Kim

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RESEARCH INTERESTS My overarching research objective is to develop intelligent agents capable of autonomously acquiring knowledge and adapting their behavior through interactions within the environment. To pursue this goal, my primary areas of research focus: (i) Unsupervised Reinforcement Learning, (ii) Skill Discovery, (iii) World Models, and (iv) Robotics.

EDUCATION **M.S. / Ph.D. in Artificial Intelligence,** Mar. 2021 - Present
Korea Advanced Institute of Science and Technology (KAIST), Seongnam, Korea
Advisor: Prof. Jaegul Choo
B.S. in Computer Science, Mar.2015 - Feb.2021
Korea University, Seoul, Korea

PUBLICATIONS * denotes equal contribution

Conferences

- [1] Learning to Discover Skills through Guidance
Hyunseung Kim*, Byungkun Lee*, Hojoon Lee, Dongyoon Hwang, Sejik Park, Kyusik Min, Jaegul Choo
Conference on Neural Information Processing Systems (NeurIPS), 2023
- [2] Enhancing Input and Label Plasticity for Sample Efficient Reinforcement Learning
Hojoon Lee*, Hanseul Cho*, **Hyunseung Kim***, Daehoon Gwak, Joonkee Kim, Jaegul Choo, Se-Young Yun, Chulhee Yun
Conference on Neural Information Processing Systems (NeurIPS), 2023
- [3] DraftRec: Personalized Draft Recommendation for Winning in MOBA Games
Hojoon Lee*, Dongyoon Hwang *, **Hyunseung Kim**, Byungkun Lee, Jaegul Choo
Conference on World Wide Web (WWW), 2022