

Suyoung Lee

CONTACT INFORMATION	Korea Advanced Institute of Science and Technology (KAIST), School of Electrical Engineering. N1-619, 291 Daehak-ro, Yuseong-gu, Daejeon 34141, Republic of Korea	Phone: +82-10-5599-0788 Email: suyoung.l@kaist.ac.kr Homepage: https://suyoung-lee.github.io
RESEARCH INTERESTS	Deep reinforcement learning, especially generalization and unsupervised exploration.	
EDUCATION	<p>Ph.D. Candidate, Electrical Engineering <i>Mar. 2019 to present</i> (advisor: Prof. Youngchul Sung) Korea Advanced Institute of Science and Technology, Daejeon, Republic of Korea.</p> <p>M.S., Electrical Engineering (advisor: Prof. Sae-Young Chung) <i>Feb. 2019</i> Korea Advanced Institute of Science and Technology, Daejeon, Republic of Korea.</p> <p>B.S., Electrical Engineering <i>Feb. 2017</i> Korea Advanced Institute of Science and Technology, Daejeon, Republic of Korea.</p> <p>Hansung Science High School, Seoul, Republic of Korea. <i>Feb. 2012</i></p>	
HONORS	<p>Qualcomm-KAIST Innovation Awards. <i>2018</i> Paper competition awards for graduate students, Qualcomm.</p> <p>Un Chong-Kwan Scholarship Award. <i>2017</i> For achievement of excellence in 2017 entrance examination, KAIST EE.</p>	
PUBLICATIONS	<p>[W1] Suyoung Lee and Sae-Young Chung, “<i>Adaptive Intrinsic Motivation with Decision Awareness</i>”, Decision Awareness in Reinforcement Learning Workshop at International Conference on Machine Learning (ICML), 2022.</p> <p>[C2] Suyoung Lee and Sae-Young Chung, “<i>Improving Generalization in Meta-RL with Imaginary Tasks from Latent Dynamics Mixture</i>”, Neural Information Processing Systems (NeurIPS), 2021.</p> <p>[C1] Suyoung Lee, Sungik Choi, and Sae-Young Chung, “<i>Sample-Efficient Deep Reinforcement Learning via Episodic Backward Update</i>”, Neural Information Processing Systems (NeurIPS), 2019.</p>	
LANGUAGES	Korean and English (TOEIC 980, international linguistic experience at Tashkent International School, 2007–2009).	
PROGRAMMING LANGUAGES	MATLAB and Python (PyTorch/TensorFlow).	
ACADEMIC SERVICES	Conference reviewer: ICML (2021/2022) and NeurIPS (2021/2022).	
TEACHING EXPERIENCE	<p>Teaching assistant (KAIST) <i>Spring 2018 to Fall 2020</i></p> <ul style="list-style-type: none">• EE326 Introduction to Information Theory and Coding.• EE210 Probability and Introductory Random Processes.• EE105 Electrical Engineering: Changing the World.• EE405 Electronics Design Lab. Network of Smart Things.• EE807 Special Topics in EE. Deep Reinforcement Learning and AlphaGo.	

- EE405 Electronics Design Lab. Network of Smart Systems.