

Yoonho Lee

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RESEARCH INTERSTS	Machine Learning, Deep Learning , with focus on meta-learning, generalization of deep networks, permutation-invariant networks, and probabilistic models.	
EDUCATION	Pohang University of Science and Technology (POSTECH)	Pohang, Korea
	M.S. in Computer Science (Advisor: Professor <i>Seungjin Choi</i>)	Sep 2016 – Aug 2018
	Thesis: <i>Gradient-Based Meta-Learning with Learned Layerwise Metric and Subspace</i>	
	Pohang University of Science and Technology (POSTECH)	Pohang, Korea
	B.S. in Mathematics	Mar 2012 – Aug 2016
PUBLICATIONS	University of California, Berkeley	CA, United States
	Exchange student, Mathematics department	Sep 2014 – May 2015
	Sejong Science High School	Seoul, Korea
	Early graduation (2 years)	Mar 2010 – Feb 2012
	Conference Proceedings	
	[8] Wonjae Kim and Yoonho Lee . “Learning Dynamics of Attention: Human Prior for Interpretable Machine Reasoning,” 33rd Conference on Neural Information Processing Systems (NeurIPS 2019)	
	[7] Juho Lee, Yoonho Lee , Jungtaek Kim, Adam Kosiorek, Seungjin Choi, and Yee Whye Teh. “Set Transformer: A Framework for Attention-based Permutation-Invariant Neural Networks,” 36th International Conference on Machine Learning (ICML 2019)	
	[6] Yoonho Lee and Seungjin Choi. “Gradient-Based Meta-Learning with Learned Layerwise Metric and Subspace,” 35th International Conference on Machine Learning (ICML 2018)	
	Workshop Proceedings	
	[5] Juho Lee, Yoonho Lee , and Yee Whye Teh. “Deep Amortized Clustering,” Sets and Partitions Workshop @ NeurIPS 2019 (oral)	
	Preprints	
	[4] Yoonho Lee , Juho Lee, Sung Ju Hwang, Eunho Yang, and Seungjin Choi “Neural Complexity Measures,” arXiv:2008.02953 (2020)	
	[3] Juho Lee*, Yoonho Lee* , Jungtaek Kim, Eunho Yang, Sung Ju Hwang, and Yee Whye Teh “Bootstrapping Neural Processes,” arXiv:2008.02956 (2020)	
	[2] Minkyoo Seo*, Yoonho Lee* , and Suha Kwak (*: equal contribution). “On the Distribution of Penultimate Activations of Classification Networks,” preprint (2019)	
	[1] Yoonho Lee , Wonjae Kim, Wonpyo Park, and Seungjin Choi. “Discrete Infomax Codes for Supervised Representation Learning,” arXiv:1905.11656 (2019)	
INDUSTRY EXPERIENCE	Reserach Scientist, AITRICS	Seoul, Korea
	Conducted research on meta-learning and probabilistic models.	Mar 2020 – Present
	Reserach Scientist, Kakao Corp.	Seongnam, Korea
	Conducted research on computer vision, meta-learning, and model interpretability.	Aug 2018 – Mar 2020
	Research Intern, Naver Corp.	Seongnam, Korea
AWARDS & SCHOLARSHIPS	Conducted research on optimizer learning.	Apr 2018 – Jun 2018
	NeurIPS High-Scoring Reviewer (Top 50%)	2019
	ICML Travel Award (\$2,500)	2018
	Korean Presidential Science Scholarship	Mar 2012 – Feb 2016
	Full-tuition scholarship with a stipend for undergraduate studies, Korea Student Aid Foundation.	
	Silver Medal, Korean Mathematical Olympiad (KMO)	2010
TEACHING EXPERIENCE	Gold Medal, Junior Korean Mathematical Olympiad (JKMO)	2008
	Teaching Assistant, Deep Learning Course, POSCO Group	Mar 2017 – Jun 2018

Teaching Assistant, AI Job Training Course, POSTECH Institute of AI	Mar 2017 – Jun 2017
Teaching Assistant, Business ML Course, Samsung Electronics Device Solutions	Sep 2017 – Dec 2017
Teaching Assistant, CSED101 (Programming and Problem Solving), POSTECH	Mar 2017 – Jun 2017

REVIEWING

Advances in Neural Information Processing Systems (NeurIPS): 2018-2020
 International Conference on Machine Learning (ICML): 2019-2020
 International Conference on Artificial Intelligence and Statistics (AISTATS): 2019-2020
 International Conference on Learning Representation (ICLR): 2020
 International Joint Conferences on Artificial Intelligence (IJCAI): 2019
 Asian Conference on Machine Learning (ACML): 2019-2020

SKILLS

Programming languages: C, C++, Python , Matlab, \LaTeX
 Frameworks: PyTorch, TensorFlow, NumPy, SciPy, Pandas, Seaborn

[CV compiled on 2020-08-16]