Yookoon Park

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Education	Ph.D. Computer Science, Columbia University Advisor: David M. Blei	2019 – present
	M. S. Computer Science and Engineering, Seoul National University Advisor: Gunhee Kim	2019
	B. S. Computer Science and Engineering, Statistics, Seoul National University	2017

Work Experience	Research Intern. Facebook.	Summer-Fall 2021
	Research Intern. Facebook.	Summer 2022

Publications

Yookoon Park, Mahmoud Azab, Bo Xiong, Seungwhan Moon, Florian Metza, Gourab Kundu, Kirmani Ahmed. Normalized Contrastive Learning for Text-Video Retrieval. In *EMNLP*, 2022.

Yookoon Park, Sangho Lee, Gunhee Kim, David M. Blei. Unsupervised representation learning via neural activation coding. In *ICML*, 2021.

Yookoon Park, Chris Dongjoo Kim, Gunhee Kim. Variational Laplace autoencoders. In *ICML*, 2019.
Paper: `http://proceedings.mlr.press/v97/park19a/park19a.pdf`
Code: `https://github.com/yookoon/VLAE`

Yookoon Park, Jaemin Cho, Gunhee Kim. A hierarchical latent structure for variational conversation modeling. In *NAACL*, 2018.
Paper: `http://aclweb.org/anthology/N18-1162`
Code: `http://vision.snu.ac.kr/projects/vhcr`

Yookoon Park*, Juyong Kim*, Gunhee Kim, Sung Ju Hwang. SplitNet: Learning to semantically split deep networks for parameter reduction and model parallelization. In *ICML*, 2017. (* equal contribution)
Paper: `http://proceedings.mlr.press/v70/kim17b/kim17b.pdf`
Code: `http://vision.snu.ac.kr/projects/splitnet`

Awards	Kwanjeong Educational Foundation Abroad Graduate Student Scholarship.	2019 – present
	Korea Foundation for Advanced Studies (KFAS) Graduate Student Scholarship.	2017 – 2019
	National Science and Engineering Scholarship of Korea. Undergraduate Student Scholarship.	2010 – 2016

Teaching	CU COMS 4774 Unsupervised Learning	Spring 2021
	CU COMSW 4762 Machine Learning for Functional Genomics	Spring 2021
	SNU M1522.001000 Computer Vision	Spring 2018
	SNU 4190.678 Natural Language Processing	Fall 2017
	SNU 4190.101 Discrete Mathematics	Spring 2017