

AWARDS
& HONORS

Google PhD Fellowship Program (Machine Learning) Google Inc.	SEP. 2019
HumanTech Paper Award (Honorable Mention; 4th in CS) Samsung Electronics	FEB. 2019
Lecture/Research Scholarship Seoul National University	MAR. 2016 - FEB. 2019
Google Conference and Travel Scholarships Google Inc.	NOV. 2017
National Science and Technology Scholarship Korea Student Aid Foundation (KOSAF)	MAR. 2013 - JUN. 2015
Paper Award in Scientific and Technical Writing Seoul National University	JUN. 2014
Undergraduate Student Paper Award Korean Institute of Information Scientists and Engineers (KIISE)	JUN. 2014

WORK
EXPERIENCES

Student Intern Infosys Limited, Bengaluru, India	JUN. 2015 - JUL. 2015
Student Intern SK Hynix, Incheon, South Korea	DEC. 2014 - JAN. 2015
Student Intern Korea Institute of Science and Technology Information (KISTI), Daejeon, South Korea	JAN. 2014 - FEB. 2014

PATENTS

Method for Extracting Knowledge from Artificial Neural Network and Apparatus for Performing the Same <u>Jaemin Yoo</u> and U Kang <i>Korean patent number: 10-2019-0174361 (filed on Nov., 2019).</i>	
Method for Compressing Deep Learning Neural Networks and Apparatus for Performing the Same Taebum Kim, <u>Jaemin Yoo</u> , and U Kang <i>Korean patent number: 10-2018-015181 (filed on Nov., 2018).</i>	
Apparatus and Method for Classifying Nodes <u>Jaemin Yoo</u> and U Kang <i>Korean patent number: 10-2016-0182358 (registered on Nov., 2018).</i>	

INVITED TALKS	Knowledge Extraction with No Observable Data	JAN. 2020
	Kakao Corporation, Pangyo, South Korea	
	Belief Propagation Network for Hard Inductive Semi-Supervised Learning	DEC. 2019
	Korea Software Congress (KSC) 2019, Pyeongchang, South Korea	
	Introduction to Probabilistic Graph Models and its Applications	MAR. 2019
	Samsung Electronics, Suwon, South Korea	
	Supervised Belief Propagation: Scalable Supervised Inference on Attributed Networks	DEC. 2017
	Korea Software Congress (KSC) 2017, Busan, South Korea	
TEACHING EXPERIENCES	Teaching Assistant (at other organizations)	
	Deep Learning, Samsung Electronics	APR. 2018 - FEB. 2019
	Deep Learning, SNU Fourth Industrial Revolution Academy	OCT. 2017 - DEC. 2018
	Distributed Computing, SNU Big Data Academy	FEB. 2017 - DEC. 2017
	Distributed Computing, SNU Big Camp	AUG. 2016 - FEB. 2017
	Teaching Assistant (at Seoul National University)	
	Large Data Analysis (M1522.000900, 002)	FALL 2017
Introduction to Data Mining (M1522.001400_001)	SPRING 2017	
Data Structures (M1522.001600_002)	FALL 2016	
EXTERNAL REVIEWERS	The Web Conference (formerly known as WWW)	2018 - 2020
	IEEE Big Data and Smart Computing (BigComp)	2017 - 2018, 2020
	ACM International Conference on Information Management (CIKM)	2017 - 2019
	ACM SIGKDD Conference of Knowledge Discovery and Data Mining (KDD)	2018 - 2019
	ACM International Conference on Web Search and Data Mining (WSDM)	2018 - 2019
	IEEE International Conference on Data Mining (ICDM)	2018
	ACM Symposium on Applied Computing (SAC)	2018
REFERENCES	U Kang Associate Professor Department of Computer Science and Engineering Seoul National University Seoul, South Korea ukang@snu.ac.kr	