Taeoh Kim

Ph. D. Student

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CONTACT

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Homepage	https://taeoh-kim.github.io
	https://github.com/taeoh-kim
Lab	iMage and Video Pattern Recognition Lab (MVPLAB)
	Advised by Prof. **Sangyoun Lee**
	https://mvp.yonsei.ac.kr

RESEARCH INTERESTS

Computer Vision	Image Enhancement, Video/Motion Analysis
	Image/Video Compression and Image/Video Quality Assessment
Machine Learning	Deep Learning, Generative Models, Bayesian Models
	Unsupervised Learning and Reinforcement Learning

SKILLS

Languages	C++, MATLAB, Python and HTML/CSS
Frameworks	OpenCV, Tensorflow and PyTorch

EDUCATION

Mar. 2009 – Feb. 2015	**B.S.** in Electrical and Electronic Engineering
	YONSEI UNIVERSITY, Seoul, Korea
Sep. 2014 – Present	**PH. D.** in Electrical and Electronic Engineering
	YONSEI UNIVERSITY, Seoul, Korea

PROJECTS

Jul. 2015 – Aug. 2017	Development of Novel Coding Framework based on Video Processing Quality-Aware Modeling **SAMSUNG ELECTRONICS CO. LTD.**
Sep. 2014 – Dec. 2015	Development of Next Generation Digital TV Broadcasting System **INFORMATION TECHNOLOGY RESEARCH CENTER (ITRC)**

PUBLICATIONS

Int. Conferences	A Video Coding System based on Coefficient Modeling Considering Visual Artifact **Taeoh Kim**, Changhyun Park, Hanbin Son, and Sangyoun Lee International Conference on Electronics, Information and Communication (*ICEIC*) *2017* Pedestrian Detection using HOG, LBP and Color LBP Taejae Jeon, **Taeoh Kim**, Hyunhye Shin and Sangyoun Lee International Technical Conference on Circuits/Systems, Computers and Communications (*ITC-CSCC*) *2015*
Domestic Conferences	1 Domestic Paper is Published

AWARDS

Aug, 2015	Project « Tell-A-Byte » **1ST AWARD**– Global Entrepreneurship Camp Korea 2015 Operated by IITP Korea with Stanford University

EXPERIENCES

Mar. 2015 – Dec. 2017	**TEACHING ASSISTANCE**– School of EE, Yonsei University [2015-1] Digital Signal Processing, [2015-2] Signal and Systems [2016-2] Electrical & Electronic Engineering Experiments: Applications [2017-1] Electrical & Electronic Engineering Experiments: Applications [2017-2] Electrical & Electronic Engineering Experiments: Applications
Sep. 2013 – Jun. 2014	**Y.D.M.C. ALUMNI**– Yonsei University Dream Major Conductor Representative of Electrical & Electronic Engineering https://cafe.naver.com/yydmc