

Hyeongmin Lee

Integrated M.S/Ph.D. Course, [iMage and Video Pattern recognition lab\(MVP\)](#)

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CONTACT

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INTERESTS

Computer Vision	Video Generation, Video Understanding, Video Processing, Video Frame Interpolation, Future Frame Prediction, Motion Estimation
Machine Learning	Deep Neural Networks, Generative Models, Reinforcement Learning, Self-Supervised Learning, Bayesian Neural Networks, Parallel Processing

EDUCATION

Mar.2018 – Present	INTEGRATED M.S./PH.D. Course in Electrical and Electronic Engineering YONSEI UNIVERSITY , Seoul, Korea Supervised by Prof. Sangyoun Lee
Mar.2014 – Feb.2018	B.S. in Electrical and Electronic Engineering YONSEI UNIVERSITY , Seoul, Korea Graduated Magna Cum Laude GPA: 3.96/4.3

PUBLICATION

International Journal	AHD: Thermal-Image Based Adaptive Hand Detection for Enhanced Tracking System Eungyeol Song, Hyeongmin Lee , Jaesung Choi, Sangyoun Lee <i>IEEE Access</i> , Mar. 2018
International Conference	CollaboNet: Collaboration of Generative Models by Unsupervised Classification Hyeongmin Lee , Taeoh Kim, Eungyeol Song, Sangyoun Lee <i>IEEE International Conference on Image Processing (ICIP 2018)</i> , Oct. 2018
Domestic Publications	Journal: 1 paper, Conference: 3 papers (in Korean)

PROJECTS

Jun.2018 – Present	Research and Human Resource Development for Intelligent Digital Contents Platform based on Ultra-high Speed Imagery INSTITUTE FOR INFORMATION & COMMUNICATIONS TECHNOLOGY PROMOTION (IITP), MINISTRY OF SCIENCE
Apr.2018 – Present	Development of Compact Deep Networks for Image Processing SAMSUNG ELECTRONICS CO. LTD.
Apr.2017 – Dec.2017	Broadcasting Device Controlling & Editing Technology using Personal Voice / Gesture Recognition INSTITUTE FOR INFORMATION & COMMUNICATIONS TECHNOLOGY PROMOTION (IITP), MINISTRY OF SCIENCE
Jul.2016 – Jun.2017	Facial Expression Recognition Using Deep Neural Network Graduation Research at Electrical and Electronic Engineering, Yonsei University

EXPERIENCES

Mar.2018 – Present	Teaching Assistance – Electrical and Electronic Engineering, Yonsei University <ul style="list-style-type: none">- [2018-1] Digital Signal Processing- [2018-2] Signal and System
Mar.2018 – Present	Creator & Manager of MVP Website <ul style="list-style-type: none">- Official Website of MVP Lab

Sep.2015 – Feb.2018

Electrical and Electronic Honor Society (EEHS)

- Organization under Yonsei University
- Chairman (Jul.2016 – Jun.2017)

Nov.2016 - Present

Young Engineers' Honor Society (YEHS)

- Organization under The National Academy of Engineering of Korea(NAEK)
- Deputy Department Head of Academic Exchange Dpt. (Dec.2017 -)

S K I L L

Programming Languages

Libraries

Available Languages

Python, CUDA, Visual C/C++, Matlab, HTML, CSS, Javascript

Pytorch, Tensorflow, OpenCV

Korean, English

Last Updated: Nov.9, 2018