

Hyeongmin Lee

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

Yonsei University, Seoul, Korea

CONTACT

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Github	https://github.com/HyeongminLEE
Slide Share	https://www.slideshare.net/HyeongminLee3/presentations

INTERESTS

Computer Vision	Video Generation, Video Understanding, Video Processing, Video Frame Interpolation, Future Frame Prediction, Image/Video Restoration
Machine Learning	Deep Learning, Generative Models, Self-Supervised Learning, Bayesian Deep Learning, 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 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
IEEE Access, Mar. 2018

International Conference

CollaboNet: Collaboration of Generative Models by Unsupervised Classification **Hyeongmin Lee**, Taeoh Kim, Eungyeol Song, Sangyoun Lee

IEEE International Conference on Image Processing (ICIP 2018), 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 – Dec.2018

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

- [2018-1] Digital Signal Processing
- [2018-2] Signal and System

Mar.2018 – Present

Creator & Manager of MVP Website

- [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 – Dec.2018)
- Department Head of Academic Exchange Dpt. (Dec.2018 -)

S K I L L

Programming Languages

Python, CUDA, Visual C/C++, Matlab

Deep Learning Libraries

Pytorch, Tensorflow

Available Languages

Korean, English

Last Updated: APR.09, 2019