

# Myungsub Choi

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Department of ECE, ASRI, Seoul National University  
cms6539@snu.ac.kr, cms6539@gmail.com

- INTERESTS** Video analysis, frame interpolation, test-time adaptation methods
- EDUCATION** **Seoul National University (SNU)** Mar 2013 - Present
- Integrated Ph.D program in School of Electrical and Computer Engineering
  - Advisor: Kyoung Mu Lee
- Seoul National University (SNU)** Mar 2009 - Feb 2013
- B.S. in Electrical and Computer Engineering
  - Cumulative GPA: 3.48 / 4.30
- PUBLICATIONS**
- **Myungsub Choi**, Janghoon Choi, Sungyong Baik, Tae Hyun Kim, and Kyoung Mu Lee, “Scene-Adaptive Video Frame Interpolation via Meta-Learning,” *to appear in Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2020.
  - **Myungsub Choi**, Heewon Kim, Bohyung Han, Ning Xu, and Kyoung Mu Lee, “Channel Attention Is All You Need for Video Frame Interpolation,” *Association for the Advancement of Artificial Intelligence (AAAI)*, 2020
  - Heewon Kim, **Myungsub Choi**, Bee Lim, and Kyoung Mu Lee, “Task-Aware Image Downscaling,” *European Conference on Computer Vision (ECCV)*, 2018
- PROJECTS**
- **Joint Medical Image & Reports Analysis with Deep Learning**  
NRF (National Research Foundation), South Korea  
(Mar 2017 - Present)
  - **Small Object Detection for Road Scene Analysis**  
SIC Center, LG Electronics, South Korea  
(April 2017 - Dec 2017)
  - **DNN based Traffic Sign Detection and Recognition**  
SIC Center, LG Electronics, South Korea  
(Feb 2016 - Dec 2016)
  - **Semantic Segmentation for Road Scene Analysis with Deep Learning**  
SAIT, Samsung Electronics, South Korea  
(May 2015 - April 2016)
  - **Semantic Segmentation for Efficient Scene Analysis**  
DMC R&D Center, Samsung Electronics, South Korea  
(May 2014 - Dec 2014)
- SIDE PROJECTS**
- **Awesome-RNN** ( ★ 5000+ )  
A curated list of resources for studying RNNs (until ~ 2016)  
- Main Contributor
  - **Awesome-Deep-Vision** ( ★ 8000+ )  
A curated list of deep learning resources for computer vision (until ~ 2016)  
- Contributor

**SCHOLARSHIP** National Scholarship for Science & Engineering, Korea Student Aid Foundation  
2009 - 2012

**SKILLS** *Programming Languages:* **Python**, MATLAB, Lua, C++  
*Human Languages:* **English** - fluent, **Korean** - native

**REFERENCES** **Kyoung Mu Lee**  
*Professor*  
Department of Electrical and Computer Engineering  
Seoul National University  
kyoungmu@snu.ac.kr  
<http://cv.snu.ac.kr>