

Soochan Lee

Ph.D. Student

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Research Interests

Combining Bayesian nonparametric methods and generative modeling with deep learning to solve human-like learning scenarios such as continual learning.

Education

Ph.D. Student in Computer Science and Engineering

VISION AND LEARNING LAB., SEOUL NATIONAL UNIVERSITY

Sep. 2019 – Present

- Advisor: Gunhee Kim

M.S. in Computer Science and Engineering

VISION AND LEARNING LAB., SEOUL NATIONAL UNIVERSITY

Sep. 2017 – Aug. 2019

- Advisor: Gunhee Kim

B.S. in Computer Science and Engineering

SEOUL NATIONAL UNIVERSITY

Mar. 2013 – Aug. 2017

Publications

A Neural Dirichlet Process Mixture Model for Task-Free Continual Learning

SOOCHAN LEE, JUNSOO HA, DONGSU ZHANG, AND GUNHEE KIM

[ICLR](#)

2020

Harmonizing Maximum Likelihood with GANs for Multimodal Conditional Generation

SOOCHAN LEE, JUNSOO HA, AND GUNHEE KIM

[ICLR](#)

2019

Improving Occlusion and Hard Negative Handling for Single-Stage Pedestrian Detectors

JUNHYUG NOH, SOOCHAN LEE, BEOMSU KIM, AND GUNHEE KIM

[CVPR](#)

2018

Honors & Awards

Naver Ph.D. Fellowship

2019

Silver Award, 25th Humantech Paper Award

Sponsored by Samsung Electronics.

2019

Teaching Experiences

Machine Learning, Hana Financial Group Data Expert Program

TEACHING ASSISTANT

[Hana Financial Group](#)

Aug. 2019

Topics in Artificial Intelligence (4190.773)

TEACHING ASSISTANT

[Seoul National University](#)

Sep. 2018 – Dec. 2018

Computer Vision (M1522.001000)

TEACHING ASSISTANT

[Seoul National University](#)

Mar. 2018 – Jun. 2018

Capstone Project, 4th Industrial Revolution Academy

MENTOR

[Seoul National University](#)

Dec. 2017 – Feb. 2018

Machine Learning (4190.666)

TEACHING ASSISTANT

[Seoul National University](#)

Sep. 2017 – Dec. 2017