

Nayeong Kim

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Cheongam-Ro 77, POSTECH, Pohang-Si, Republic of Korea (37673)

EDUCATION

POSTECH

Pohang, Republic of Korea

Ph.D. in Computer Science and Engineering

Sep. 2017 - Present

- Supervised by Prof. Suha Kwak in the Computer Vision Lab.
- Research Interest: Algorithmic fairness and Debiasing

POSTECH

Pohang, Republic of Korea

B.E. in Computer Science and Engineering

Mar. 2013 - Aug. 2017

PUBLICATION

Peer-reviewed

- [1] **Nayeong Kim**, Sehyun Hwang, Sungsoo Ahn, Jaesik Park, Suha Kwak, “Learning Debaised Classifier with Biased Committee”, Conference on Neural Information Processing Systems (**NeurIPS**), 2022.
- [2] **Nayeong Kim**, Suha Kwak. “Robust Crowd Counting via Image Enhancement and Dynamic Feature Selection”, British Machine Vision Conference (**BMVC**), 2021.

REVIEWING SERVICES

International Conference on Machine Learning (ICML)

2022

RESEARCH PROJECTS

Electronics and Telecommunications Research Institute (ETRI)

May. 2020 – Present

- Adaptive AI for Robots. Developed neural networks for crowd recognition in single image.

POSCO group

Sep. 2018 – Sep. 2019

- Anomaly detection for information leakage according to external intrusion attack using deep neural networks

Samsung Electronics

Jan 2018 – Jul. 2018

- Abnormal signal detection from semiconductor process equipment in deep neural networks

TEACHING EXPERIENCE

Teaching Assistant, DeepLearning, POSTECH

Mar. 2020 - Jun. 2020

Teaching Assistant, DeepLearning:NUGU-based AI Tech&Serv., POSTECH

Sep. 2018 - Dec. 2018

Teaching Assistant, Machine Learning Course, SK Hynix

Aug. 2018 - May. 2019

Teaching Assistant, Deep Learning Course, POSCO Group

May. 2018 - Jul. 2019

Teaching Assistant, Introduction to Machine Learning, POSTECH

Mar. 2018 - Jun. 2018

Teaching Assistant, Machine Learning Course, Samsung

Feb. 2018 - Mar. 2019

Teaching Assistant, AI Job Training Course, POSTECH Institute of AI

Dec. 2017 - Apr. 2019

WORK EXPERIENCE

Research Intern at Samsung Electronics

Jan 2018

Research Intern at Exem

Mar 2017 - Sep. 2017