Namhyuk Ahn

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INTERESTS

· Image and video enhancement
· Generative model
· Efficient deep learning model

EDUCATION

Ajou University *Mar 2016 - Present*
Ph.D. Student in Computer Engineering
Advisor: Prof. Kyung-Ah Sohn

Ajou University *Mar 2012 - Feb 2016*
Bachelor of Media in Digital Media

PUBLICATIONS

[6] **Namhyuk Ahn***, Jaejun Yoo*, Kyung-Ah Sohn. SimUSR: A Simple but Strong Baseline for Unsupervised Image Super-resolution. IEEE Conference on Computer Vision and Pattern Recognition Workshops (**CVPRW**), 2020. (* indicates equal contribution)

[5] Jaejun Yoo*, **Namhyuk Ahn***, Kyung-Ah Sohn. Rethinking Data Augmentation for Image Super-resolution: A Comprehensive Analysis and a New Strategy. IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2020. (* indicates equal contribution)

[4] **Namhyuk Ahn**, Byungkon Kang, Kyung-Ah Sohn. Efficient Deep Neural Network for Photo-realistic Image Super-Resolution. arXiv preprint arXiv:1903.02240.

[3] **Namhyuk Ahn**, Byungkon Kang, Kyung-Ah Sohn. Fast, Accurate, and Lightweight Super-Resolution with Cascading Residual Network. European Conference on Computer Vision (**ECCV**), 2018.

[2] **Namhyuk Ahn**, Byungkon Kang, Kyung-Ah Sohn. Image Super-resolution via Progressive Cascading Residual Network. IEEE Conference on Computer Vision and Pattern Recognition Workshops (**CVPRW**), 2018.

[1] **Namhyuk Ahn**, Byungkon Kang, Kyung-Ah Sohn. Image Distortion Detection using Convolutional Neural Network. The 4th Asian Conference on Pattern Recognition (**ACPR**), 2017.

WORK EXPERIENCE

Visiting Researcher, Clova AI Research, Naver Corp. *Sep 2019 - Present*
· *Mentor: Dr. Jaejun Yoo, Dr. Youngjung Uh and Yunjey Choi*

Intern, Clova AI, Naver Corp. *Jun 2018 - Aug 2018*
· *Mentor: Kwangjin Oh*

AWARDS

Honorable Mention Award, NTIRE 2018 Challenge *June 2018*

· Single image super-resolution challenge (track 1) on NTIRE workshop in CVPR 2018.

TEACHING EXPERIENCE

Lecture Instructor, Fastcampus *Aug 2017*

· Lecture material: `https://github.com/nmhkahn/deep_learning_tutorial`

PROFESSIONAL SERVICE

Reviewer

· TPAMI, TIP, TMM

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