KYUNGJUNE BAEK

For resume(Notion), click here

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EDUCATION

Ph.D. candidate in Integrated Technology @ **Yonsei University**   Mar. 2018 - Present
Advisor: Prof. Hyunjung Shim

B.S. in EE and CS @ **Yonsei University**   Mar. 2014 - Feb. 2018

EXPERIENCES

Visiting researcher
· Clova AI Research (CLAIR), Naver Corp. Image-to-Image translation   Sep. 2019 - Feb. 2020

Developer
· SIT, Yonsei University Real time remote lecture room system construction   Sep. 2018 - Feb. 2019

EXTERNAL ACTIVITIES

Reviewer · CVPR, IJCV, ICML-Workshop-SSL, Neurips-Workshop-SSL / SyntheticData4ML, ICPR

Invited Talks· Samsung Electronics DS DIT , OKESTRO A.I. Lab/Data Science

Teaching· Python for beginners (Instructor) , Tensorflow for deep learning-based computer vision (TA)

PUBLICATIONS [6 INTL. CONF. 1 INTL. JOURNAL] (* INDICATES AN EQUAL CONTRIB.)

1. Duhyeon Bang*, **Kyungjune Baek***, Jiwoo Kim, Yunho Jeon, Jin-Hwa Kim, Jiwon Kim, Jong-wuk Lee, Hyunjung Shim, " Logit Mixing Training for More Reliable and Accurate Prediction" in **IJCAI 2022**.

2. **Kyungjune Baek**, Hyunjung Shim, "Commonality in Natural Images Rescues GANs: Pretraining GANs with Generic and Privacy-free Synthetic Data" in **CVPR 2022**.

3. **Kyungjune Baek**, Yunjey Choi, Youngjung Uh, Jaejun Yoo, Hyunjung Shim, "Rethinking the Truly Unsupervised Image-to-Image Translation" in **ICCV 2021**.

4. **Kyungjune Baek***, Duhyeon Bang*, Hyunjung Shim, "GridMix: Strong Regularization Through Local Context Mapping" in **Pattern Recognition 2021**, IF=7.196.

5. **Kyungjune Baek***, Minhyun Lee*, Hyunjung Shim, "PsyNet: Self-Supervised Approach to Object Localization Using Point Symmetric Transformation" in **AAAI 2020**.

6. **Kyungjune Baek***, Seungho Lee*, Hyunjung Shim, "Learning from Better Supervision: Self-distillation for Learning with Noisy Labels" in **ICPR 2022**.

7. **Kyungjune Baek**, Duhyeon Bang, Hyunjung Shim, "Editable Generative Adversarial Networks: Generating and Editing Faces Simultaneously" in **ACCV 2018, Oral, Best paper Runner-up**.

PROJECTS

AI R&D Grand Challenge for Daily Life
· Composing a dataset of trashes and training a model on the dataset for classifying blind test-set

SKILLS

Programming Languages & Frameworks & Language
· Python (PyTorch) / Korean (Native) / English (Professional Working proficiency)