Sejong Yang

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RESEARCH INTERESTS	*Computer Vision / Machine Learning / Computational Photography* face understanding (talking head generation, deepfake detection), image manipulation (super resolution), light-weight modeling (network pruning, knowledge distillation), generative model and latent space (GAN, VAE, Flow-based Model, Diffusion Model)

EDUCATION

Yonsei University, Seoul, Korea   2019.09 ~ Present
Ph.D. in Computer Science

Yonsei University, Seoul, Korea   2014.03 ~ 2019.08
B.S. in Computer Science

Uppsala University, Uppsala   2018.01 ~ 2018.06
Exchange student of IT University

PUBLICATIONS

Sejong Yang, Subin Jeon, Seonghyeon Nam, and Seon Joo Kim. "Dense Interspecies Face Embedding". Conference on Neural Information Processing Systems, **NeurIPS 2022**.

Younghyun Jo, **Sejong Yang**, and Seon Joo Kim. "SRFlow-DA: Super-Resolution Using Normalizing Flow with Deep Convolutional Block". Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops, **CVPRW 2021**.

Younghyun Jo, **Sejong Yang**, and Seon Joo Kim. "Investigating loss functions for extreme superresolution". Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops, **CVPRW 2020**.

WORK EXPERIENCE

Adobe Research, San Jose   2023.05 ~ 2023.08
Research Intern @ Dynamic Media Organization (DMO)

NAVER Corporation, Jungja, Korea   2020.08 ~ 2020.09
Research Intern @ AI Rush Challenge

EWOOSOFT, Hwaseong, Korea   2016.12 ~ 2017.11
Software Engineer @ Cross-Platform Mobile Team

DaumKakao, Pangyo, Korea   2016.08 ~ 2016.10
Assistant Software Engineer @ Cloud Computing Cell

TEACHING EXPERIENCE

Yonsei University, Seoul, Korea
(Teaching Assistant) Multicore and GPU Programming (Spring 2020), Object-Oriented Programming (Fall 2019)

AWARDS

Runner-up award, Learning the Super-Resolution Space Challenge on **NTIRE 2021**

2nd award, Extreme Super Resolution Challenge on **NTIRE 2020**

[CV updated on 2023.09.04]