

# 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

**NAVER Corporation, Jungja, Korea** 2020.08 ~ 2020.09  
Research Intern for Challenge

**CIPLAB, Seoul, Korea** 2018.09 ~ 2019.08  
Undergraduate Research Intern

**EWOOSOFT, Hwaseong, Korea** 2016.12 ~ 2017.11  
Software Engineer

**DaumKakao, Pangyo, Korea** 2016.08 ~ 2016.10  
Assistant Software Engineer

**CIPLAB, Seoul, Korea** 2015.07 ~ 2016.06  
Undergraduate Research Intern

## 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**