

RESEARCH INTERESTS

- Simulated Learning and Domain Adaptation
- Image and Video Processing (Synthesis, Translation)
- Unsupervised Learning

RESEARCH EXPERIENCES

Adobe Research (Remote) Research Intern, Deep Learning Group, Creative Intelligence Lab	San Jose, CA Apr.2021–Dec.2021
Korea Advanced Institute of Science and Technology (KAIST) Research Assistant, Robotics and Computer Vision Lab	Daejeon, Korea Mar.2018–Present

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) Ph.D. in Electrical Engineering Advisor: Prof. In So Kweon	Daejeon, Korea Sep.2019–Present
Korea Advanced Institute of Science and Technology (KAIST) M.S. in Electrical Engineering Advisor: Prof. In So Kweon – Thesis: “Learning unpaired video-to-video translation for domain adaptation”	Daejeon, Korea Mar.2018–Aug.2019
Korea Advanced Institute of Science and Technology (KAIST) B.S., double major in Mechanical Engineering and Electrical Engineering	Daejeon, Korea Mar.2013–Feb.2018

PUBLICATIONS

- Unsupervised Domain Adaptation for Video Semantic Segmentation
Kwanyong Park*, Inkyu Shin*, Sanghyun Woo, In So Kweon (*: equal contributions)
arXiv, 2021
- LabOR: Labeling Only if Required for Domain Adaptive Semantic Segmentation
Inkyu Shin, Dong-Jin Kim, Jae Won Cho, Sanghyun Woo, **Kwanyong Park**, In So Kweon
International Conference on Computer Vision (ICCV), 2021 (**Oral**)
- Received Qualcomm Innovation Award 2021.
- Discover, Hallucinate, and Adapt: Open Compound Domain Adaptation for Semantic Segmentation
Kwanyong Park, Sanghyun Woo, Inkyu Shin, In So Kweon
Neural Information Processing Systems (NeurIPS), 2020
- Received Qualcomm Innovation Award 2021.

- Align-and-Attend Network for Globally and Locally Coherent Video Inpainting
*Sanghyun Woo, Dahun Kim, **Kwanyong Park**, Joon-Young Lee, In So Kweon*
British Machine Vision Conference (BMVC), 2020
- Preserving Semantic and Temporal Consistency for Unpaired Video-to-Video Translation
***Kwanyong Park**, Sanghyun Woo, Dahun Kim, Donghyeon Cho and In So Kweon*
ACM Multimedia (MM), 2019

REVIEWER EXPERIENCES

- Conference on Computer Vision and Pattern Recognition (CVPR): 2022
- British Machine Vision Conference (BMVC): 2020,2021

AWARDS & HONORS

- Qualcomm Innovation Fellowship Nov.2021
- KAIST Scholarship Sep.2019–Present
- SIGMM Student Travel Grants Nov.2019
- Korea Government Scholarship Mar.2018–Aug.2019
- Best M.S students, Eun Chong-Kwan Scholarship Mar.2018

TEACHING

Teaching Assistant at KAIST EE

- EE405 Electronics Design Lab.<Network of Smart Things> (Spring, 2019)
- EE209 Programming Structure for Electrical Engineering (Fall, 2018)
- EE305 Introduction to Electronics Design Lab. (Fall, 2018)

COMPUTER SKILLS

- **Language:** Python, Matlab, C
- **Libraries:** PyTorch

REFERENCES

Prof. In So Kweon
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Relationship: M.S. - Ph.D. advisor in KAIST