KwanYong Park

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Research Interests

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

Research Experiences

Korea Advanced Institute of Science and Technology (KAIST) — Daejeon, Korea
Research Assistant, Robotics and Computer Vision Lab — Mar.2018–Present

Education

Korea Advanced Institute of Science and Technology (KAIST) — Daejeon, Korea
Ph.D. in Electrical Engineering — Sep.2019–Present
Advisor: Prof. In So Kweon

Korea Advanced Institute of Science and Technology (KAIST) — Daejeon, Korea
M.S. in Electrical Engineering — Mar.2018–Aug.2019
Advisor: Prof. In So Kweon

- Thesis: "Learning unpaired video-to-video translation for domain adaptation"

Korea Advanced Institute of Science and Technology (KAIST) — Daejeon, Korea
B.S., double major in Mechanical Engineering and Electrical Engineering — Mar.2013–Feb.2018

Publications

- 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

- 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

- British Machine Vision Conference (BMVC), 2020

Honors

- KAIST Scholarship   Sep.2019–Present
- SIGMM Student Grants   Nov.2019
- Korea Government Scholarship   Mar.2018–Aug.2019
- 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
School of Electrical Engineering, KAIST
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Homepage: http://rcv.kaist.ac.kr
Relationship: M.S. - Ph.D. advisor in KAIST