

Sanghyun Kim

Contact information



- Tel
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- E-mail
: a72274099@gmail.com
- Birthday:
: 1995.11.01
- Military service
: Korea Army. Republic of Korea
: Apr 2016 ~ Jan 2018
- Github
: <https://github.com/kws02352>
- Blog (Korean)
: <https://kws02352.tistory.com/>
: www.notion.so/kws02352

Research Interests

- Deep Learning in Computer Vision (GAN, Classification, Object detection)
- Artificial Intelligence in Medical Imaging

Education

- Kyonggi University, Suwon-si, Gyeonggi-do, Republic of Korea
 - Candidate for B.S. in Computer Science
 - 2 years experience in RTOS lab.(in Kyonggi Univ.)

Project

- Classification of Colorectal Cancer in Histological Images using Deep Neural Networks
 - Jun 2019 - Dec 2020
 - Classification (ResNet, DenseNet, InceptionV3)
- Detecting smoking outside the smoking area using object detection
 - Mar 2020 - Jun 2020
 - Object Detection (YOLO V3)
- Recaptcha
 - Oct 2019 - Dec 2019
 - Classification (DenseNet)

Awards

- Domestic Publications
 - 우수 논문상
 - 김상현, 고현민, 이찬수, 이병대, "심층신경망을 이용한 조직검사 영상에서의 대장암 병변 분류," 2019 한국인터넷정보학회 추계 학술발표대회, 2019.

Publications

- International Journals
 - **Sang-Hyun Kim**, Hyun Min Koh, and Byoung-Dai Lee, "Classification of Colorectal Cancer in Histological Images using Deep Neural Networks: An Investigation," to appear in Multimedia Tools and Applications, 2021. <[link](#)>
- Domestic Publications
 - **김상현**, 고현민, 이찬수, 이병대, "심층신경망을 이용한 조직검사 영상에서의 대장암 병변 분류," 2019 한국인터넷정보학회 추계 학술발표대회, 2019. <[link](#)>

Additional Activities

- RTOS LAB, Kyonggi Univ.
 - Medical Deep Learning
 - Nov 2018 - Feb 2021
- Naver Boostcamp AI tech
 - Camper
 - Jan 2021 - Jun 2021
- Youtube '딥러닝논문읽기모임' 3rd study (Team. Image Processing)
 - Presenter
 - StyleCLIP <[link](#)>
 - Sefa <[link](#)>
 - Participant
 - Swin Transformer <[link](#)>
 - Editing in Style <[link](#)>
 - StyleGAN <[link](#)>
 - MLP-Mixer <[link](#)>
 - Mar 2021 - Nov 2021
- RAMI LAB, UNIST Univ.
 - Intern
 - Medical Deep Learning
 - Mar 2021 - May 2021

Work Experiences

- Asan Medical Center, University of Ulsan College of Medicine
 - Department of Anesthesiology and Pain Medicine (BAPOR LAB.)
 - AI Researcher. (Waveform data)
 - Jul 2021 ~