

Sanghyun Kim

Contact information



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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/>
: kws02352.notion.site

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
 - Classification (ResNet, DenseNet, InceptionV3)
 - Jun 2019 - Dec 2020 (1 years 7 months)
- Detecting smoking outside the smoking area using object detection
 - Object Detection (YOLO V3)
 - Mar 2020 - Jun 2020 (4 months)
- Recaptcha
 - Classification (DenseNet)
 - Oct 2019 - Dec 2019 (3 months)

Awards

- Domestic Publications
 - 우수 논문상
 - 김상현, 고현민, 이찬수, 이병대, "심층신경망을 이용한 조직검사 영상에서의 대장암 병변 분류," 2019 한국인터넷정보학회 추계학술발표대회, 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 추계학술발표대회, 2019. <[link](#)>


Additional Activities

- RTOS LAB, Kyonggi Univ.
 - Medical Deep Learning
 - Nov 2018 - Feb 2021. (2 years 4 months)
- Naver Boostcamp AI tech
 - Camper
 - Jan 2021 - Jun 2021. (6 months)
- 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](#)>
 - StyleSpace Analysis <[link](#)>
 - Representative Graph Neural Network <[link](#)>
 - Joint Contrastive Learning with Infinite Possibilities <[link](#)>
 - Explaining in style training a gan to explain a classifier in stylespace <[link](#)>
 - Encoding in Style: a StyleGAN Encoder for Image-to-Image Translation <[link](#)>
 - Mar 2021 - Dec 2021 (10 months)
- RAMI LAB, UNIST Univ.
 - Intern

- Medical Deep Learning
- Mar 2021 - May 2021 (3 months)
- KB 국민은행 IT Academy IT's Your Life
 - Trainee
 - Mar 2022 - May 2022 (3 months)

Work Experiences

- Asan Medical Center, University of Ulsan College of Medicine.
 - Department of Anesthesiology and Pain Medicine (BAPOR LAB.)
 - AI Researcher (Waveform data)
 - contract worker.
 - Jul 2021 ~ Jan 2022 (6 months)

 Last modified 2021.03.07.