Taeyoung Kim

김 태 영

AIFactory Co., Ltd

RESEARCH AREAS

Image Processing
Satellite Image Analysis
Space Weather
Medical Image

TEACHING AREAS

AI, Machine Learning
Deep Learning
Data Science

EDUCATION

(2017-2019) Ph.D. in Space Exploration, Kyunghee University
(2009-2011) Master. Satellite System and Utilization Engineering. National University of Science and Technology
(1998-2005) Bachelor. Electronics and Electrical Engineering. Kyungpook National University

EXPERIENCE

▫ June 14, 2019 Kaggle Korea & Google Korea, '2019 3rd ML month with KaKR'
▫ December 14, 2019 2019 Global AI Bootcamp-Seoul, on-offline collaboration platform for AI solutions to all industries based on crowdsourcing
▫ November 2018 NVIDIA, NVIDIA AI Conference 2018, 'Alphao Mok Chronicle'
▫ October 17, 2018 Samsung, Samsung Open Conference (soscon) 2018, 'The use of artificial intelligence from the sun to the cell'
▫ October 4, 2018, 2018 Korea Supercomputing Conference, 'Alpha Omok: From Alpha Zero Algorithm to Service'
▫ November 18, 2017 Google, GDG DevFest 2017 Seoul "Python Deep Learning Keras with Blocks"
▫ December 14, 2019 2019 Global AI Bootcamp-Seoul, on-offline collaboration platform for AI solutions to all industries based on crowdsourcing
▫ November 2018 NVIDIA, NVIDIA AI Conference 2018, 'Alphao Mok Chronicle'
▫ October 17, 2018 Samsung, Samsung Open Conference (soscon) 2018, 'The use of artificial intelligence from the sun to the cell'
▫ October 4, 2018, 2018 Korea Supercomputing Conference, 'Alpha Omok: From Alpha Zero Algorithm to

EXPERIENCE

Service'
- November 18, 2017 Google, GDG DevFest 2017 Seoul "Python Deep Learning Keras with Blocks" Community seminar
- January 15, 2020 AIFrenz Member's Day at Daedeok Techbiz Center in Daejeon (TBC) "Now leave AI to AIFactory"
- March 2017 Daejeon Creative Economy Innovation Center 1st Daejeon AI Forum, "Application from Sun to Cell and Seminar on Keras Story"
- June 26, 2019, NASA, NASA FDL 2019 Boot Camp, Reinforcement Learning in field of Aerospace.
- March 2018 Yangjae R & CD Innovation Hub, 4th AI new technology "Deep Learning Keras Together"
- November 2017 NASA, NASA Ames Conference Center, Radiation Workshop Lightning Talk
- August 2017 Korea Statistics Office 2017 Agricultural Statistics Workshop (2017 Agricultural Statistics Workshop) "Experience in Deep Learning and Introduction to Keras"
- May 2017 National Radio Research Agency Space Radio Center, "Deep Learning Model Overview Seminar for Forecasting Space Radio Environment"
- April 2017 Korea Astronomy Research Institute, "Deep Learning Story Seminar from Sun to Cell"
- March 2018 Inspace Daejeon Creative Economy & Innovation Center, 'Python Deep Learning Keras with Blocks'
- December 2017 Naver D2, "Keras with Block and Sun to Cell Use Case"
- September 2017 Inspace Daejeon Creative Economy & Innovation Center, "Deep Learning Practice with Blocks, The Story of Keras"

PUBLISHED JOURNALS

- Nature Astronomy, 1st Author of Solar farside magnetograms from deep learning analysis of STEREO/EUVI data
- International Conference on Information and Communication Technologies for Disaster Management (ICT-DM), Improving Network Availability with Low Network Construction Cost through Deep Reinforcement Learning, Choong-hee Cho ; Hyunho Lee ; Taeyoung Kim ; Jeong-dong Ryoo 2019.12.18
- Nature Astronomy, 1st Author of Solar farside magnetograms from deep learning analysis of STEREO/EUVI data. 2019.3.4