

Jongseok Kim

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Research Interests

Vision & Language, Video understanding, Multimodal reasoning.

Education

Mar 19-Current **Seoul National University (SNU)**, Seoul, Korea.

- M.S. student in Computer Science and Engineering
- Advisor: Prof. Gunhee Kim (Vision and Learning Laboratory)

Mar 12-Feb 18 **Seoul National University (SNU)**, Seoul, Korea.

- College of Liberal Studies
- B.S. in Computer Science, B.Soc.Sc. in Information Science and Culture
- Aug 2014 – May 2016, Mandatory Military Service. Served as a sergeant in KATUSA

Mar 09-Feb 12 **Seoul Science High School**, Seoul, Korea.

Publications

International Conferences

- 2020 Youngjae Yu, **Jongseok Kim**, Heeseung Yun, Jiwan Chung, Gunhee Kim, *Character Grounding and Re-Identification in Story of Videos and Text Descriptions*, **ECCV 2020**.
- 2018 Youngjae Yu, **Jongseok Kim**, Gunhee Kim, *A Joint Sequence Fusion Model for Video Question Answering and Retrieval*, **ECCV 2018**.

Workshop

- 2018 Eun-Sol Kim, Kyoung-Woon On, **Jongseok Kim**, Yu-Jung Heo, Seong-Ho Choi, Hyun-Dong Lee, Byoung-Tak Zhang, *Temporal Attention Mechanism with Conditional Inference for Large-Scale Multi-Label Video Classification*, **ECCV 2018, 2nd Workshop on Youtube-8M Large-Scale Video Understanding**.

Work and Research Experiences

Sep 19-Current **Vision and Learning Lab**, Graduate Researcher, Seoul, Korea.

- Worked on video understanding.

Mar 18-Feb 19 **Kakao Brain**, Research Intern, Sungnam, Korea.

- Worked on text-to-speech algorithm, speaker adaptation and encoding.
- Worked on web video classification, visual question answering.

Jun 17-Feb 18 **Vision and Learning Lab**, Undergraduate Researcher, Seoul, Korea.

- Worked on movie video captioning, video retrieval algorithm.

Teaching Experience

Mar 19-Jun 19 Teaching Assistant of Computer Vision (M1522.001000)

Mar 19-Jun 19 Teaching Assistant of Samsung DS² Artificial Intelligence course : AI

Awards

2020 1st prize, 2nd DramaQA Challenge 2020

2020 1st prize, Fashion-IQ Challenge 2020

2019 1st prize, Large Scale Movie Description and Understanding Challenge 2019

2019-Current Hyundai Motor Chung Mong-Koo Foundation Scholarship

2018 5th prize (ITM), The 2nd YouTube-8M Video Understanding Challenge (Team KANU)

2018 73th place (Bronze, top 6%), Tensorflow Speech Recognition Challenge

2017 1st prize, Movie Fill-in-the-Blank track

Large Scale Movie Description and Understanding Challenge

2017 1st prize, Movie Annotation and Retrieval track

Large Scale Movie Description and Understanding Challenge

2016 38th place, ACM-ICPC Asia Daejeon Regional (Team 9664p)

2016 4th prize, The 5th TOPCIT(Test Of Practical Competency in ICT) Korea

Skills

Computer

Deep Learning Libraries: Tensorflow, PyTorch

Programming Languages: Python, Java, C/C++, Javascript