Gi-Cheon Kang

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INTERESTS

Conversational AI, computer vision, natural language processing & reasoning agent

EDUCATION

Seoul National University — Seoul, Korea
M.Sc. in Computer Science and Engineering — Expected 2020
Advised by Prof. Byoung-Tak Zhang

Ajou University — Suwon, Korea
B.Sc. in Software and Computer Science — 2018

CONFERENCE PAPERS

[1] **G.-C. Kang**, J. Lim, and B.-T. Zhang. "Dual Attention Networks for Visual Reference Resolution in Visual Dialog". *Conference on Empirical Methods in Natural Language Processing (EMNLP)*, 2019.

WORKSHOP PAPERS

[1] **G.-C. Kang**, S. Son, and B.-T. Zhang. "Contextualized Bilinear Attention Networks". *European Conference on Computer Vision (ECCV) Workshop on VizWiz Grand Challenge*, 2018.

RESEARCH PROJECTS

Video Turing Test (VTT) — 2018 - Present
The Video Turing Test desires to test a machine's ability of intelligent behavior in regards to observing and understanding video input and thereby its video intelligence. A machine capable of this task would prove human-like video understanding capabilities that could open the world of AI to a whole new possibilities in human-like long-term adaptive learning.

Machine Learning for Home Appliances, LG Electronics — 2019
Industry-Academia Cooperative Research with LG Electronics. Optimizing a motor control of an electric washing machine using machine learning technique.

HONORS & AWARDS

Visual Dialog Challenge 3rd Place, CVPR 2019 — 2019
More info at https://visualdialog.org/challenge/2019

Software-Centered University Hackathon — 2017
Awarded a special prize from Microsoft Korea

Yeoju Honor Scholarship — 2016 - 2017
$ 4,000/year, funded by Yeoju Scholarship Foundation

INVITED TALKS

"Dual Attention Nets for Visual Reference Resolution in VisDial", SK T-Brain — 2019

EXTRA CURRICULAR ACTIVITIES

BI Lab Conference Deadline Site Administrator — 2018 - Present
Military Service in Republic of Korea Army — 2012 - 2014