JUNG-JUN KIM

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RESEARCH INTERESTS

Interaction between vision and language

- Visual question answering in real images & document intelligence
- Image captioning, Referring expression generation

EDUCATION

Korea University, South Korea   Aug 2018 - Jul 2020

M.S., Department of Brain and Cognitive Engineering

Advisor: Dr. Seong-Whan Lee

Thesis : Multimodal Explanations in Visual Question Answering

Incheon National University, South Korea   Mar 2012 - Aug 2018

B.E., Department of Embedded System Engineeing

Advisor: Dr. Kwang-Il Hwang

PUBLICATIONS

1. **J. Kim**, H. Ko, and J. Wu, "CoNAN: A Complementary Neighboring-based Attention Network for Referring Expression Generation," *COLING*, 2020

2. **J. Kim***, D. Lee*, J. Wu, H. Jung, and S. Lee, "Visual Question Answering based on Local-Scene-Aware Referring Expression Generation," *Neural Networks*, 2021 (* equally contributed)

RESEARCH PROJECTS

Explainable Artificial Intelligence Center (XAI Center)   Feb 2019 - Jul 2020

- Task: Explainable interface to provide reasons for decision making.

HONORS AND AWARDS

ICDAR 2021 competition on Document Visual Question Answering, 3rd place   2021

- Task3: Infographics Visual Question Answering

Korea Information Processing Society (KIPS), Undergraduate Paper Contest, 3rd place   2017

- Title: Development of Automatic Cafeteria Payment System based on Deep Learning

Korea Information Processing Society (KIPS), Undergraduate Paper Contest, 5th place   2017

- Title: Efficient Estimation of Object Velocity and Trajectory Using an Acceleration Sensor

ACADEMIC ACTIVITIES

Reviewer for British Machine Vision Conference (BMVC) 2020

RESEARCH AND INDUSTRY POSITIONS

Research Engineer   Jan 2021 - Apr 2021
Clova AI Research, OCR team, Naver Corporation.
Research Associate   Sep 2018 - Aug 2020
Pattern Recognition Machine Learning Lab, Korea University.
Research Assistant   Mar 2017 - Mar 2018
Applied AI Systems Lab, Incheon National University.

TECHNICAL SKILLS

Programming Languages: Python, C/C++, C#
Deep Learning Frameworks: Caffe, PyTorch, TensorFlow, Chainer