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

Korea Information Processing Society (KIPS), Undergraduate Paper Contest, Third Prize 2017

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

Korea Information Processing Society (KIPS), Undergraduate Paper Contest, Fifth Prize 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