

Jinsoo Leo Choi | PhD Candidate | KAIST

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RESEARCH INTERESTS

- Video enhancement
- Vision & language
- Deep learning

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)

PhD in Electrical Engineering - Advisor: In So Kweon	Sep 2015 - Present
MSc in Electrical Engineering - Advisor: In So Kweon	Sep 2013 - Aug 2015
BSc in Electrical Engineering	Sep 2009 - Aug 2013

PUBLICATIONS

- **CVPR19** “Dense Relational Captioning: Triple-Stream Networks for Relationship-Based Captioning”
D. Kim, **Jinsoo Choi**, T. Oh, and I.S. Kweon
- **WACV18** “Contextually Customized Video Summaries via Natural Language”
Jinsoo Choi, T. Oh, and I.S. Kweon
- **WACV18** “Disjoint Multi-task Learning between Heterogeneous Human-centric Tasks”
D. Kim, **Jinsoo Choi**, T. Oh, Y. Yoon, and I.S. Kweon
- **CVPR16 [Spotlight]** “Video-Story Composition via Plot Analysis”
Jinsoo Choi, T. Oh, and I.S. Kweon
- **ECCVW16** “A Real-time Vehicular Vision System to Seamlessly See-through Cars”
Francois Rameau, Hyowon Ha, Kyungdon Joo, **Jinsoo Choi**, and I.S. Kweon
- **TVC16** “A Real-time Augmented Reality System to See-Through Cars”
Francois Rameau, Hyowon Ha, Kyungdon Joo, **Jinsoo Choi**, Kibaek Park, and I.S. Kweon
- **ISMAR16** “A Real-time Augmented Reality System to See-Through Cars”
Francois Rameau, Hyowon Ha, Kyungdon Joo, **Jinsoo Choi**, Kibaek Park, and I.S. Kweon
- **ICIP14** “GMM-based Saliency Aggregation for Calibration-free Gaze Estimation”
Jinsoo Choi, B. Ahn, J. Park, and I.S. Kweon

EXPERIENCE

VQA for Videos - Korea Ministry of Science and ICT Project Researcher - Deep learning	Jun 2017 - Present
◦ Relational inference of visual objects (CVPR19 accepted)	
Human Action Recognition - KITECH Project Researcher - Deep learning	Mar 2015 - Aug 2019
◦ Deep learning for video action recognition	
KAIST Interaction Lab (KIXLAB) - Daejeon, Korea Research Intern - GUI design	Jun 2017 - Nov 2017
◦ Personal photo album application user interaction design	
Shared Sensing for Automobiles - BOSCH Project Researcher - Computer Vision	2015 - 2016
◦ Computer vision system to “see through” the front car	
ETRI - Daejeon, Korea Research Intern - Robot & Computer Vision	Winter 2013
◦ Gesture recognition via RGB-D, facial landmark detection	

ACADEMIC SERVICES

CVPR Reviewer	2019
ICCV Reviewer	2019
IEEE Access Reviewer	2019

AWARDS & HONORS

Qualcomm Innovation Awards, Nomination	2016
ICVSS 2016 Attendance	2016
Grand Prize, KAIST Innovation Contest	2011
Presidential Design Award, KAIST	2010