

JINSOO LEO CHOI

PhD Candidate | KAIST

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Korea Advanced Institute of Science and Technology (KAIST), N1-212,
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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 - <i>Korea Ministry of Science and ICT</i> Project Researcher - Deep learning	Jun 2017 - Present
> Relational inference of visual objects (CVPR19 accepted)	
Human Action Recognition - <i>KITECH</i> Project Researcher - Deep learning	Mar 2015 - Aug 2019
> Deep learning for video action recognition	
KAIST Interaction Lab (KIXLAB) - <i>Daejeon, Korea</i> Research Intern - GUI design	Jun 2017 - Nov 2017
> Personal photo album application user interaction design	
Shared Sensing for Automobiles - <i>BOSCH</i> Project Researcher - Computer Vision	2015 - 2016
> Computer vision system to “see through” the front car	
ETRI - <i>Daejeon, Korea</i> 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