Jinsoo Leo Choi
PhD Candidate | KAIST

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Korea Advanced Institute of Science and Technology (KAIST), N1-212,
291 Daehak-ro, Yuseong-gu, Daejeon 34141, Republic of Korea

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

> **TVCG16** "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