Junha Roh

rohjunha@cs.washington.edu

RESEARCH INTERESTS

Artificial Intelligence, Robotics, Computer Vision

EDUCATION

University of Washington (Sep 2016 - Present)
Graduate student in Computer Science and Engineering
Advisor: Dieter Fox and Ali Farhadi

Seoul National University (Mar 2011 - Feb 2013)
M.S. in Electrical Engineering and Computer Science
Advisor: Kyoung Mu Lee

Seoul National University (Mar 2007 - Feb 2011)
B.S. in Electrical and Computer Engineering, *Summa Cum Laude*

PUBLICATIONS

Junha Roh, Chris Paxton, Andrzej Pronobis, Ali Farhadi, and Dieter Fox, *Conditional Driving from Natural Language Instructions*, Conference on Robot Learning (CoRL 2019, **27.6%** acceptance rate)

Junha Roh, Hwasup Lim, and Sang Chul Ahn, *A Fast TGV-l^1 RGB-D Flow Estimation*,
10th International Symposium on Visual Computing (ISVC 2014, **oral**)

Junseok Kwon, **Junha Roh**, Kyoung Mu Lee and Luc Van Gool, *Robust Visual Tracking with Double Bounding Box Model*, European Conference on Computer Vision (ECCV 2014, **27.6%** acceptance rate)

Junha Roh, Dong Woo Park, Junseok Kwon and Kyoung Mu Lee,
Visual Tracking using the Joint Inference of Target State and Segment-based Appearance Models,
Asia Pacific Signal and Information Processing Association Conference (APSIPA 2013, **oral**)

COMPUTER SKILLS

Proficient programming skills in Python and C++.
Conversant with C, C#, Java.

HONORS AND AWARDS

Samsung Scholarship, $50,000 per year (2016 - 2021)
Fulbright Scholarship, $70,000 for two years (gratefully declined, 2015)
Kwanjeong Educational Foundation Scholarship for Graduates, $9,000 per year (2011 - 2012)
Commendation from Seoul National University Engineering Alumni Association (2011)
Seoul National University Foundation for ECE Scholarship, $3,500 (February 2011)
National Science & Engineering Undergraduate Scholarship, $6,000 per year (2007 - 2010)

PATENTS

Pending: Device for extracting depth information using infrared light and method thereof, 2014
    U.S. Patent Application Number: 20,140,361,175

Device for extracting depth information using infrared light and method thereof, 2015
    Korea Patent Number 101,487,812

Apparatus and method for automatic animation of an object inputted randomly, 2015
    Korea Patent Number 101,496,440