

Junha Roh

<https://rohjunha.github.io>
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RESEARCH INTERESTS

Robotics, Computer Vision, Autonomous Driving, Vision-language Navigation

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*

APPOINTMENTS

Waymo (New York, NY) - Research Intern Sep. 2020 - Dec. 2020
Worked on behavior prediction for autonomous vehicle using GraphNet

PUBLICATIONS

Junha Roh*, Christoforos Mavrogiannis*, Rishabh Madan*, Dieter Fox, and Siddhartha S. Srinivasa, *Multiple Topologies Prediction for Navigation at Unsignalized Intersections*, Conference on Robot Learning (CoRL 2020)

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

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**)

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)