

## Sunghoon Im (Male)

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CONTACT INFORMATION	1989/02/07 (Male) Room 211, Bldg N1, KAIST 291 Daehak-ro, Yuseong-gu, Daejeon 305-701 Republic of Korea	Tel.: +82-10-3533-1405 Tel.: +82-42-350-5465 E-mail: <a href="mailto:shim@rcv.kaist.ac.kr">shim@rcv.kaist.ac.kr</a> <a href="https://sites.google.com/site/shimrcv/">https://sites.google.com/site/shimrcv/</a>
RESEARCH INTERESTS	<ul style="list-style-type: none"><li>• 3D Reconstruction</li><li>• Stereo matching</li><li>• Computational photography</li></ul>	
EDUCATION	<b>KAIST</b> , Daejeon, Korea  M.S. Student, Electrical Engineering <ul style="list-style-type: none"><li>• Advisor: Prof. In So Kweon</li><li>• GPA: 3.81/4.3</li></ul> <b>Sogang University</b> , Seoul, Korea  B.S., Electronic Engineering, Feb 2014 <ul style="list-style-type: none"><li>• Advisor: Prof. Gyeonghwan Kim</li><li>• Summa cum laude (GPA: 3.91/4.3)</li></ul>	
RESEARCH EXPERIENCES	<b>KAIST</b> , Daejeon, Korea <i>Research Assistant</i> , Robotics and Computer Vision Laboratory <ul style="list-style-type: none"><li>• Advisor: Prof. In So Kweon.</li><li>• Researched computer vision algorithms, especially for 3D reconstruction and stereo matching.</li></ul> <b>Sogang University</b> , Seoul, Korea <i>Research Assistant</i> , Man Machine Interface Laboratory	Mar 2014 – present  Jun 2013 – Feb 2014 <ul style="list-style-type: none"><li>• Advisor: Prof. Gyeonghwan Kim.</li><li>• Researched computer vision algorithms, especially for driver monitoring system.</li></ul>
PUBLICATIONS	<b>International Conference</b> <ol style="list-style-type: none"><li>1. <b>Sunghoon Im</b>, Hyowon Ha, Gyeongmin Choe, Hae-Gon Jeon, Kyungdon Joo and In So Kweon, “High Quality Structure from Small Motion for Rolling Shutter Cameras”, <i>In Proc. of IEEE International Conference on Computer Vision (ICCV)</i>, Dec 2015.</li><li>2. <b>Sunghoon Im</b>, Hae-Gon Jeon, Hyowon Ha and In So Kweon, “Depth Estimation from Light Field Cameras”, <i>In Proc. of the 12th International Conference on Ubiquitous Robots and Ambient Intelligence (URAI)</i>, Oct 2015.</li><li>3. Dong-jin Kim, Donggeun Yoo, <b>Sunghoon Im</b>, Namil Kim, T. Sirinukulwattana and In So Kweon, “Relative Attributes with Deep Convolutional Neural Network”, <i>In Proc. of the 12th International Conference on Ubiquitous Robots and Ambient Intelligence (URAI)</i>, Oct 2015.</li><li>4. <b>Sunghoon Im</b>, Gyeongmin Choe, Hae-Gon Jeon and In So Kweon, “Depth from Accidental Motion using Geometry Prior”, <i>In Proc. of IEEE International Conference on Image Processing (ICIP)</i>, Sep 2015.</li></ol>	

HONORS & AWARDS	• Best term-project award in Computer Vision class, KAIST	Dec 2014
	• Summa Cum Laude, Sogang University	Feb 2014
	• Design project competition(Silver Prize), Sogang University	Nov 2013
	• Prize for the top first percentile GPA, Sogang University	Sep 2012
	• Scholarship, Sogang alumni association	Feb 2012 – Feb 2013
	• Prize for the top first percentile GPA, Sogang University	Feb 2012
	• Scholarship, Korea Scholarship Foundation	Feb 2012 – Feb 2014
	• Prize for the top first percentile GPA, Sogang University	Sep 2011
EXPERIENCES	<b>Teaching Experience</b>	
	• EE209, Programming Structure for Electrical Engineering	Fall 2014
	• Volunteer work, Mathematics at an orphanage	Feb 2008 – Feb 2009
	<b>Extra Experience</b>	
	• Attended, Korean Conference on Computer Vision( <b>KCCV 2015</b> ), Seoul, Korea	Aug 2015
	• Attended, The 24th Workshop on Image Processing and Image Understanding( <b>IPIU 2015</b> ), Jeju, Korea	Feb 2015
	• Attended, The 9th International Workshop on Robust Computer Vision( <b>IWRCV</b> ), Univ of Tokyo, Japan	Dec 2014
	• Attended, International Conference on 3D Vision( <b>3DV 2014</b> ), Univ of Tokyo, Japan	Dec 2014
	• Student volunteer, Korea Robotics Society Annual Conference( <b>KROC 2014</b> ), Buyeo, Korea	Jun 2014
IT SKILLS	• Languages: C, C++, MATLAB, $\LaTeX$	