

# Seonghyeon Nam

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CONTACT INFORMATION	Computational Intelligence and Photography Lab Dept. of Computer Science Yonsei University Seoul, Korea	<i>tel:</i> +82 2-2123-7758 <i>E-mail:</i> shnnam@yonsei.ac.kr <i>Website:</i> <a href="http://snam.ml">http://snam.ml</a>
RESEARCH INTERESTS	<i>Computer Vision / Computational Photography / Machine Learning</i> color/photometry, image restoration/enhancement, deep learning for computational photography.	
EDUCATION	<b>Yonsei University</b> , Seoul, Korea B.S., Computer Science and Engineering, February 2014	
WORK EXPERIENCE	<b>Yonsei University</b> , Seoul, Korea ( <i>Research Assistant</i> )	<b>March 2014 - Current</b>
	<ul style="list-style-type: none"><li>• Worked on deep learning based image filtering system.</li><li>• Developed a new cross-channel image noise model for JPEG images from consumer cameras.</li><li>• Worked on image signal processing pipeline of smart phone cameras.</li><li>• Worked on image enhancement system for small gamut mobile display.</li></ul>	
	<b>ClasseStudio, Inc.</b> , Seoul, Korea ( <i>Software Engineer</i> )	<b>March 2012 - December 2013</b>
	<ul style="list-style-type: none"><li>• Developed Android applications and server-side applications for online poll.</li></ul>	
	<b>Sorf, Inc.</b> , Seoul, Korea ( <i>Software Engineer</i> )	<b>July 2010 - January 2012</b>
	<ul style="list-style-type: none"><li>• Worked on various outsourcing projects developing Android applications.</li><li>• Developed a mobile social platform for education.</li></ul>	
TEACHING EXPERIENCE	<b>Yonsei University</b> , Seoul, Korea ( <i>Teaching Assistant</i> )	
	<ul style="list-style-type: none"><li>• Computer Graphics (Undergrad, Spring 2014)</li><li>• Computer Programming (Undergrad, Spring 2014)</li></ul>	
PUBLICATIONS	<b>S. Nam*</b> , Y. Hwang*, Y. Matsushita, and S. J. Kim, "A Holistic Approach to Cross-Channel Image Noise Modeling and its Application to Image Denoising", In Proc. of IEEE Conference on Computer Vision and Pattern Recognition ( <b>CVPR</b> ), 2016 [ <b>Spotlight presentation</b> ]. (* equal contribution)	
HONORS & AWARDS	Excellent Paper, Dept. of Computer Science, Yonsei University Bronze Prize, 22nd Samsung HumanTech Paper Award Global Ph.D. Fellowship, National Research Foundation of Korea (NRF)	<b>Jun 2016</b> <b>February 2016</b> <b>March 2015 - Current</b>
SERVICE	<b>Reviewer</b> WACV (2017)	
SKILLS	<b>Programing Languages</b> C/C++, Python, Matlab, Java, C#, HTML <b>Tools</b> <ul style="list-style-type: none"><li>• Computer vision libraries (OpenCV, Matlab, Python)</li><li>• Deep learning libraries (TensorFlow, Caffe, Keras).</li></ul>	

- Mobile development environments (Android SDK, Xamarin(cross-platform))