Seonghyeon Nam

CONTACT
INFORMATION

Computational Intelligence and Photography Lab
Dept. of Computer Science
Yonsei University
Seoul, Korea

tel: +82 2-2123-7758
E-mail: shnnam@yonsei.ac.kr
Website: http://snam.ml

RESEARCH
INTERESTS

Computer Vision / Computational Photography / Machine Learning
color/photometry, image restoration/enhancement, deep learning for computational photography.

EDUCATION

Yonsei University, Seoul, Korea

M.S./Ph.D. student, Computer Science, March 2014 - Present

- Advisor: Seon Joo Kim

Yonsei University, Seoul, Korea

B.S., Computer Science, February 2014

WORK
EXPERIENCE

Yonsei University, Seoul, Korea   **March 2014 - Current**
(Research Assistant)

Snap Research (Snapchat), Los Angeles, United States   **May 2018 - Aug 2018**
(Research Intern)

ClasseStudio, Inc., Seoul, Korea   **March 2012 - December 2013**
(Software Engineer)
- Developed Android applications and server-side applications for online poll.

Sorf, Inc., Seoul, Korea   **July 2010 - January 2012**
(Software Engineer)
- Developed a number of Android applications including outsourcing projects.

TEACHING
EXPERIENCE

Yonsei University, Seoul, Korea
(Teaching Assistant)
- Computer Graphics (Undergrad, Spring 2014)
- Computer Programming (Undergrad, Spring 2014)

PUBLICATIONS

S. Nam, Y. Kim, and S. J. Kim, "Text-Adaptive Generative Adversarial Networks: Manipulating Images with Natural Language", In Proc. The Advances in Neural Information Processing Systems 32 (**NIPS**), 2018 [**Spotlight**].

S. Nam and S. J. Kim, "Modelling the Scene Dependent Imaging in Cameras with a Deep Neural Network", In Proc. International Conference on Computer Vision (**ICCV**), 2017.

S. Nam*, 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. IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2016 [**Spotlight**]. (* equal contribution)

HONORS	NAVER Fellowship, NAVER Corp.	**2017**
& AWARDS	Excellent Paper, Dept. of Computer Science, Yonsei University	**Jun 2016**
	Bronze Prize, 22nd Samsung HumanTech Paper Award	**February 2016**
	Global Ph.D. Fellowship, National Research Foundation of Korea (NRF)	**March 2015 - Current**

INVITED TALKS   NAVER Corp., "Modelling the Scene Dependent Imaging in Cameras with a Deep Neural Network" **Nov 2017**

PROGRAM
COMMITTEE   **Reviewer** WACV (2017, 2018), CVPR (2018), ACCV (2018)

SKILLS   **Programing Languages** C/C++, Python, Matlab, Java, C#, HTML

Tools
- Computer vision libraries (OpenCV, Matlab, Python)
- Deep learning libraries (PyTorch, TensorFlow, Caffe, Keras)
- Mobile development environments (Android SDK, Xamarin)