Seonghyeon Nam

Contact Information

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

E-mail: shnnam@yonsei.ac.kr
Website: http://snam.ml
Github: https://github.com/woozzu

Research Interests

Computer Vision / Computational Photography / Machine Learning
generative models for image/video, vision and language, image/video enhancement

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 - Present**
(Research Assistant)

Snap Inc., 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, C. Ma, M. Chai, W. Brendel, N. Xu, and S. J. Kim, "End-to-End Time-Lapse Video Synthesis from a Single Outdoor Image", In Proc. IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2019.

S. Nam, Y. Kim, and S. J. Kim, "Text-Adaptive Generative Adversarial Networks: Manipulating Images with Natural Language", In Proc. Advances in Neural Information Processing Systems 32 (**NeurIPS**), 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 & Awards

NAVER Fellowship, NAVER Corp.	**2017**
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 - Present**

Invited Talks

NAVER Corp. **2017, 2019**

Program Committee

Reviewer CVPR (2018, 2019), ICCV (2019), ACCV (2018), TIP (2018), WACV (2017, 2018)

Skills

Programing Languages C/C++, Python, MATLAB, Java, C#, HTML

Tools

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