

# Seungjun Nah

## Contact Information

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## Education

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March 2014 - Present Seoul National University  
Integrated Ph.D. program in School of Electrical and Computer Engineering  
Advisor: Kyoung Mu Lee

March 2010 - February 2014 Seoul National University  
B.S. in School of Electrical and Computer Engineering

## Publications (Selected)

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- **Seungjun Nah**, Sungyong Baik, Seokil Hong, Gyeongsik Moon, Sanghyun Son, Radu Timofte, and Kyoung Mu Lee, “NTIRE 2019 Challenge on Video Deblurring and Super-Resolution: Dataset and Study,” 4th NTIRE in CVPRW, 2019.
- **Seungjun Nah**, Sanghyun Son, and Kyoung Mu Lee, “Recurrent Neural Networks with Intra-Frame Iterations for Video Deblurring,” In CVPR, 2019.
- Sanghyun Son, **Seungjun Nah**, and Kyoung Mu Lee, “Clustering Convolutional Kernels to Compress Deep Neural Networks,” In ECCV, 2018.
- Tae Hyun Kim, **Seungjun Nah**, and Kyoung Mu Lee, “Dynamic Video Deblurring using a Locally Adaptive Linear Blur Model,” In PAMI, 2018.
- **Seungjun Nah**, Tae Hyun Kim, and Kyoung Mu Lee, “Deep Multi-scale Convolutional Neural Network for Dynamic Scene Deblurring,” In CVPR, 2017. (**Spotlight**)
- Bee Lim, Sanghyun Son, Heewon Kim, **Seungjun Nah**, and Kyoung Mu Lee, “Enhanced Deep Residual Networks for Single Image Super-Resolution,” 2nd NTIRE in CVPRW, 2017. (**Challenge Winner, Workshop Best Paper**)
- **Seungjun Nah** and Kyoung Mu Lee, “Random Forest with Data Ensemble for Saliency Detection,” In APSIPA, 2015.

## Scholarships

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- Ph.D. Scholarship, Max Planck Society, 04.2019 - 10.2019
- Electrical Engineering and Computer Science Graduate Student program, Korea Foundation for Advanced Studies, 2014 - 2018
- National Scholarship for Science & Engineering, Korea Student Aid Foundation, 2010 - 2013

## Awards and Honors

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- Outstanding reviewer: ICCV 2019
- Highly cited paper award: Department of ECE, SNU, 2018
- AWS Cloud Credits for Research, 2018
- Challenge winner & Best paper: NTIRE 2017 Challenge on Single Image Super-Resolution
- Microsoft Azure Research Award, 2017

## Experiences

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- Guest Scientist, Max Planck Institute for Intelligent Systems, Tübingen, Germany, 04.2019 - 10.2019
- Research Intern, Microsoft Research, Redmond, WA, USA, 05.2017 - 08.2017

## Community Activities

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- Conference reviewer: CVPR, ICCV, SIGGRAPH Asia
- Journal reviewer: IJCV, TNNLS, TMM, TIP
- Workshop co-organizer: NTIRE 2019, AIM 2019

## Research Interests

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I am interested in deep learning and low-level computer vision problems, especially visual quality enhancement. My recent research topics include deblurring, super-resolution, neural network compression and acceleration.

## References

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Advisor    Prof. Kyoung Mu Lee  
              Seoul National University  
              kyoungmu@snu.ac.kr  
              <https://cv.snu.ac.kr>