XUN HUANG

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EDUCATION

Cornell University & Cornell Tech   Aug. 2016 - present
Ph.D. in Computer Science
Advisor: Prof. Serge Belongie
GPA: 3.90/4.0

Beihang University   Sept. 2012 - June. 2016
B.S. in Computer Science & Engineering
GPA: 3.82/4.0

National University of Singapore   July 2014 - Dec. 2014
Visiting Student, School of Computing

RESEARCH INTERESTS

Generative Models, Style Transfer, Image-to-Image Translation, Domain Adaptation

SELECTED AWARDS

Adobe Research Fellowship   2019

Snap Research Fellowship   2019

NVIDIA Graduate Fellowship   2018

PUBLICATIONS

Guandao Yang[*], **Xun Huang[*]**, Zekun Hao, Ming-Yu Liu, Serge Belongie, Bharath Hariharan, "Point-Flow : 3D Point Cloud Generation with Continuous Normalizing Flows", *IEEE International Conference on Computer Vision (ICCV), Seoul, Korea*, 2019. (**Oral**) (* indicates equal contribution)

Ming-Yu Liu, **Xun Huang**, Arun Mallya, Tero Karras, Timo Aila, Jaakko Lehtinen, Jan Kautz, "Few-shot Unsupervised Image-to-Image Translation", *IEEE International Conference on Computer Vision (ICCV), Seoul, Korea*, 2019.

Xun Huang, Ming-Yu Liu, Serge Belongie, Jan Kautz, "Multimodal Unsupervised Image-to-Image Translation", *European Conference on Computer Vision (ECCV), Munich, Germany*, 2018.

Yin Cui, Guandao Yang, Andreas Veit, **Xun Huang**, Serge Belongie, "Learning Discriminative Evaluation Metrics for Image Captioning", *IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Salt Lake City, Utah, USA*, 2018.

Zekun Hao, **Xun Huang**, Serge Belongie, "Controllable Video Generation with Sparse Trajectories", *IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Salt Lake City, Utah, USA*, 2018.

Xun Huang, Serge Belongie, "Arbitrary Style Transfer in Real-time with Adaptive Instance Normalization", *IEEE International Conference on Computer Vision (ICCV), Venice, Italy*, 2017. (**Oral**)

Xun Huang, Yixuan Li, Omid Poursaeed, John Hopcroft, Serge Belongie, "Stacked Generative Adversarial Networks", *IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Honolulu, Hawaii, USA*, 2017.

Saining Xie[*], **Xun Huang**[*], and Zhuowen Tu, "Top-Down Learning for Structured Labeling with Convolutional Pseudoprior", *European Conference on Computer Vision (ECCV), Amsterdam, The Netherlands*, 2016. (* indicates equal contribution)

Xun Huang, Chengyao Shen, Xavier Boix, and Qi Zhao, "SALICON: Reducing the Semantic Gap in Saliency Prediction by Adapting Deep Neural Networks", *IEEE International Conference on Computer Vision (ICCV), Santiago, Chile*, 2015.

Chengyao Shen, **Xun Huang**, and Qi Zhao, "Predicting Eye Fixations on Webpage with an Ensemble of Early Features and High-level Representations from Deep Network", *IEEE Transactions on Multimedia (TMM)*, 2015.

RESEARCH EXPERIENCE

Cornell University/Cornell Tech   Aug. 2016 - present
Research Assistant   *Ithaca/New York, NY*

Adobe Research   June. 2019 - Aug. 2019
Intern   *Seattle, WA*

Google Research   May. 2018 - Sept. 2018
Intern   *Mountain View, CA*

NVIDIA Research   Dec. 2017 - May. 2018
Intern   *Santa Clara, CA*

Allen Institute for Artificial Intelligence   May. 2017 - Aug. 2017
Intern   *Seattle, WA*

Microsoft Research Asia   Mar. 2016 - June. 2016
Intern   *Beijing, China*

University of California, San Diego   Sept. 2015 - Dec. 2015
Research Assistant   *San Diego, CA*

National University of Singapore   July 2014 - Aug. 2015
Research Assistant   *Singapore*

TEACHING EXPERIENCE

Teaching Assistant, Applied Machine Learning (CS5785), Cornell   Aug. 2019 - Dec. 2019

Teaching Assistant, Applied Machine Learning (CS5785), Cornell   Aug. 2017 - Dec. 2017

Teaching Assistant, Introduction to Database Systems (CS4320), Cornell Aug. 2016 - Dec. 2016

PROFESSIONAL SERVICE

Conference review: NeurIPS, ICML, UAI, ICCV, CVPR, SIGGRAPH, SIGGRAPH Asia, ...

Journal review: TPAMI, IJCV, ToG, TIP, TVCG, CVIU, TNNLS, ...

Last updated: July. 2019