

Hexiang Hu

PhD Student in Machine Learning

ADDRESS: Michelson Hall, 1002 West Childs Way, Los Angeles, CA, 90089

PHONE: (+1) 6282344580 EMAIL: hexiang.frank.hu@gmail.com WEBSITE: <https://www.hexianghu.com>

EDUCATION

University of Southern California PhD Student (Machine Learning, Computer Vision, NLP) Supervisor: Prof. Fei Sha	Los Angeles, CA Jan.2017- Present
University of California, Los Angeles PhD Student (Machine Learning, Computer Vision) (Transfer) Supervisor: Prof. Fei Sha	Los Angeles, CA Sep.2016-Jan.2017
Simon Fraser University B.S. in Computer Science (With Distinction) Supervisor: Prof. Greg Mori	Vancouver, BC Sep.2013-May.2016
ZHEJIANG University B.Eng. in Computer Science Supervisor: Prof. Zicheng Liao	Hangzhou, China Sep.2011-Jun.2016

WORK & RESEARCH EXPERIENCE

Facebook AI Research Research Intern (Supervisor: Dr. Laurens Van der Maaten) Large-scale Image Recognition	New York, NY May.2018-Present
Theoretical and Empirical Data Science Lab Research Assistant (Supervisor: Prof. Fei Sha) Vision and Language, Transfer Learning, Embedding Learning	Los Angeles, CA Sep.2016-Present
Amazon AI Applied Scientist Intern (Supervisor: Dr. R. Manmatha & Prof. Deva Ramanan) Large-scale Video Analysis with Compressed Videos	Palo Alto, CA May.2017-Aug.2017
Megvii (Face++) Technology Research Scientist Intern (Supervisor: Yuning Jiang & Dr. Jian Sun) Object Detection and Instance Segmentation	Beijing, China May.2016-Sep.2016
Vision and Media Lab, Simon Fraser University Research Assistant Deep Learning with Structure, Multilabel Classification with Relation	Vancouver, BC May.2015-Jun.2016
Microsoft Anti-virus Researcher Virtual Machine Inspection, Program Analysis, .Net Malware Analysis	Vancouver, BC May.2014-Sep.2014

PUBLICATIONS

Conferences

Synthesize Policies for Transfer and Adaptation across Tasks and Environments H. Hu* , Liyu Chen*, Boqing Gong, F. Sha	NIPS 2018 (Spotlight) Montreal, QC
Hierarchical and Cross-modal Modeling of Video and Text B. Zhang*, H. Hu* , F. Sha	ECCV 2018 Munich, Germany
Learning Answer Embedding for Visual Question Answering H. Hu* , W-L. Chao*, F. Sha	CVPR 2018 Salt Lake City, UT
Cross-dataset Adaptation for Visual Question Answering H. Hu* , W-L. Chao*, F. Sha	CVPR 2018 Salt Lake City, UT
Compressed Video Action Recognition C.-Y. Wu, M Zaheer, H. Hu* , R. Manmatha, A. J. Smola, P. Krahenbuhl	CVPR 2018 Salt Lake City, UT
Being Negative but Constructively: Lessons Learnt from Creating Better VQA Dataset W-L. Chao*, H. Hu* , F. Sha.	NAACL-HLT 2018 (Oral) Honolulu, HI
FastMask: Segment Multi-scale Object Candidates in One Shot H. Hu* , S. Lan*, Y. Jiang, Z. Cao, F. Sha	CVPR 2017(Spotlight) Honolulu, HI
Learning Structured Inference Neural Networks with Label Relations H. Hu , G. Zhou, Z. Deng, Z. Liao, G. Mori.	CVPR 2016 Las Vegas, NV

Hexiang Hu

PhD Student in Machine Learning

Structure Inference Machines: RNN for Analyzing Relations in Group Activity Recognition

Z. Deng, A.Vahdat, H. Hu, G. Mori.

CVPR 2016

Las Vegas, NV

PROFESSIONAL ACTIVITIES

Reviewers

- Annual Conference on Computer Vision and Pattern Recognition (**CVPR 2019**)
- The 14th Asian Conference on Computer Vision (**ACCV 2019**)
- The 32nd Annual Conference on Neural Information Processing Systems (**NIPS 2018**)
- Thirty-fifth International Conference on Machine Learning (**ICML 2018**)
- Annual Conference on Computer Vision and Pattern Recognition (**CVPR 2018**)
- The 31th Annual Conference on Neural Information Processing Systems (**NIPS 2017**)
- Transaction on Pattern Analysis and Machine Intelligence (**TPAMI**)
- IEEE Winter Conference on Applications of Computer Vision (**WACV 2015**)

Seattle, WA
Perth, Australia
Montreal, QC
Stockholm, Sweden
Salt Lake City, UT
Long Beach, CA

Big Island, HI

SKILLS

Interests: Swimming, Baseket Ball

Tools: Python, C++, Pytorch, Caffe, Torch, Tensorflow, Javascript, HTML, CSS, LaTeX, Matlab, Cuda

Skills

- Computer Vision Object Recognition, Detection and Segmentation, Video Analysis
- Vision and Language Visual Question Answering, Structured Understanding towards Video
- Machine Learning Deep Learning, Transfer Learning, Domain Adaptations, Generative Model

AWARDS

SCHOLARSHIPS

CSCI Department Fellowship, Viterbi School of Engineering, USC

2017-2018

Entrance Scholarship for Merits, SFU

2013-2014

Second-Class Scholarship for Merits, ZJU

2011-2012,2012-2013

HONORS & AWARDS

NIPS 2018 Travel Award, NIPS Foundation

2018

President's Honor Roll, SFU

2015-2016

Dean's Honor Roll, SFU

2015-2016

Undergraduate Research Opportunities Conference (UROC) Traveling Award, U Waterloo

2016

Excellent Students Awards, ZJU

2011-2012,2012-2013