

Ronghang Hu

Email: ronghang.hu@gmail.com

Web: <http://ronghanghu.com/>

Research Interests

- computer vision, especially object detection and language-related vision tasks
- machine learning, especially neural networks and domain adaptation
- natural language processing, combined with visual comprehension

Education

- **University of California, Berkeley** Berkeley, CA, USA
Ph.D. student in Computer Science
– Advised by Prof. Trevor Darrell
Aug. 2015 – present
- **Tsinghua University** Beijing, China
B.E. in Electronic Engineering
– GPA: 91.0/100
Aug. 2011 – Jul. 2015

Experiences

- **Facebook AI Research** Seattle, WA, USA
Research Intern
– worked on computer vision research with Dr. Ross Girshick
May. 2017 – Aug. 2017

Selected Publications

- **R. Hu, J. Andreas, M. Rohrbach, T. Darrell, K. Saenko, Learning to Reason: End-to-End Module Networks for Visual Question Answering.** in arXiv preprint arXiv:1704.05526, 2017.
- **R. Hu, M. Rohrbach, J. Andreas, T. Darrell, K. Saenko, Modeling Relationships in Referential Expressions with Compositional Modular Networks.** in CVPR, 2017 (Spotlight presentation).
- **R. Hu, M. Rohrbach, T. Darrell, Segmentation from Natural Language Expressions.** in ECCV, 2016 (Spotlight presentation).
- **A. Rohrbach, M. Rohrbach, R. Hu, T. Darrell, B. Schiele, Grounding of Textual Phrases in Images by Reconstruction.** in ECCV, 2016 (Oral presentation).
- **R. Hu, H. Xu, M. Rohrbach, J. Feng, K. Saenko, T. Darrell, Natural Language Object Retrieval.** in CVPR, 2016 (Oral presentation).
- **D. Mrowca, M. Rohrbach, J. Hoffman, R. Hu, K. Saenko, T. Darrell, Spatial Semantic Regularisation for Large Scale Object Detection.** in ICCV, 2015.
- **J. Hoffman, S. Guadarrama, E. Tzeng, R. Hu, J. Donahue, R. Girshick, T. Darrell, K. Saenko, LSDA: Large Scale Detection Through Adaptation.** in NIPS, 2014.

Relevant Skills

- **Languages:** C/C++, CUDA, Python, Matlab, PHP, SQL, JavaScript
- **Tools and Devices:** Caffe, TensorFlow, OpenCV, Kinect