An Tran

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▬▬▬▬ Summary

My general interests are in the fields of computer vision, machine learning and heterogeneous computing. Currently, my research focus is on action recognition, deep learning, structured prediction and video action detection.

▬▬▬▬ Education

Aug 2012–Present **PhD**, *Vision and Interactive Media Lab, Dept. of Electrical & Computer Engineering, National University of Singapore (NUS)*, Singapore.
Advisors: Prof. Loong-Fah Cheong, Prof. Qi Zhao
Research areas: Computer Vision, Machine Learning
Thesis topic: *Human-centric Action Recognition*

Aug 2007–Apr 2012 **B.Eng.**, *Ho Chi Minh City University of Technology (HCMUT)*, HCM City, *8.92/10*.
Major: Computer Enigneering
Thesis topic: *Measuring Available Bandwidth in Wireless Environment*

▬▬▬▬ Work Experience

Apr 2012–Jun 2012 **Software Engineer**, *Softfoundry Technology Pte Ltd*, HCM City.
Identifying bottlenecks and improving networks infrastructre for video conference products.

▬▬▬▬ Research Experience

Sep 2011–Mar 2012 **Research Intern**, *I3S Lab, Universite Nice Sophia Antipolis*, Sophia Antipolis, France.
Advisor: Prof. Guillaume Urvoy-Keller

▬▬▬▬ Publications

C1 Ye Luo, Loong-Fah Cheong, and **An Tran**. Actionness-assisted Recognition of Actions, in *The IEEE International Conference on Computer Vision (ICCV)*, 2015.

▬▬▬▬ Programming Skills

Languages C/C++, Matlab, Python, Bash.

Libraries & frameworks OpenCV, Caffe, Theano, NVIDIA DIGITS, CUDA, scikit-learn, LIBSVM, Yael, VLFeat, Boost, Eigen.

Tools: Cmake, QtCreator, LATEX, Linux.

Open Source Contribution	BoW frameworks for action recognition (Matlab toolbox link)

Honors and Awards

2012–2016	NUS Research Scholarship
2011–2012	Erasmus Mundus Exchange Student Scholarship
2007-2011	HCMUT Excellent Student Scholarship