

Dat Huynh

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EDUCATION	Northeastern University , Boston, Massachusetts, USA	Aug 2017 – Present
	▪ Ph.D. in Computer Science: 3.97 / 4.00	
	University of Science , Ho Chi Minh, Vietnam	Sep 2012 – Nov 2016
	▪ B.S. in Computer Science: 3.95 / 4.00	
	Nanyang Technological University , Singapore	Aug 2014 – Dec 2014
	▪ Awarded Temasek Foundation Exchanged Scholarship: 5.00 / 5.00	
EXPERIENCE	Research Assistant , MCADS Lab, Northeastern University, USA	Aug 2017 – Present
	▪ Supervisor: Prof. Ehsan Elhamifar	
	• Improved the state-of-the-art performance of unseen clothing recognition by 4% harmonic mean on DeepFashion dataset (first author - accepted at NeurIPS20)	
	• Improved the state-of-the-art performance by 2% mAP score on NUS-WIDE and scaled to 7000 seen labels and 400 unseen labels in Open Images (first author - accepted at CVPR20, Oral)	
	• Improved the state-of-the-art performances on CUB, AWA2 by at least 4% harmonic mean by weakly localizing fine-grained attributes of all classes (first author - accepted at CVPR20)	
	• Applied self-supervised learning on CrossTask and ProceL datasets to localize key-frames without human supervision (accepted at ECCV20)	
	Data Engineer , VNG Corporation, Vietnam	Feb 2017 – Aug 2017
	▪ Applied machine learning techniques on textual and visual data to detect malicious users	
	Research Assistant , iSpace Lab, Simon Fraser University, Canada	May 2015 – Aug 2015
	▪ Supervisor: Prof. Bernhard Riecke – Project: Gamified Research	
SKILLS	• Developed a novel control interface using sensors to map hand gestures into moving directions	
	Programming Languages	
	▪ Python: (Proficient), C/C++, Java, Javascript, MATLAB: (Prior Experience)	
	Frameworks	
	▪ PyTorch, Tensorflow, Scikit-Learn, Numpy: (Proficient), OpenCV: (Prior Experience)	
	Software Development	
	▪ Design and Execute research projects under time and computational constraints	
	▪ Document and Release 4 research projects: https://github.com/hbdatt	
	▪ Version Control (Git)	
	System	
AWARDS & SCHOLARSHIPS	▪ Bash scripting for task automation, File systems in Linux, Basic network protocols	
	▪ Graduate Fellowship	2017
	Khoury College of Computer Sciences, Northeastern University, USA	
	▪ 2nd Rank Graduation with High Distinction	2016
	Advanced Program in Computer Science, University of Science, Vietnam	
	▪ Representative in Ecosperity conference and Young Leaders Dialogue	Sep 2015
	One week forum with world leaders about sustainable development at Shangri-La Hotel, Singapore	
	▪ Temasek Foundation Exchanged Scholarship	Aug 2014 – Dec 2014
	One semester study at Nanyang Technological University, Singapore	