

Dat Huynh

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|-----------------------|--|--------------------------------|
| EDUCATION | Northeastern University , Boston, Massachusetts, USA | Aug 2017 – Aug 2022 (expected) |
| | ▪ 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 | |
| | • Generated fine-grained features for unseen classes to improve unseen clothing recognition by 4% harmonic mean compared to the SOTA on DeepFashion dataset (first author - accepted at NeurIPS20) | |
| | • Recognized 7000 seen labels and 400 unseen labels in Open Images by sharing attention signals among labels (first author - accepted at CVPR20, Oral) | |
| | • Improved the SOTA 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 recognize key-frames in videos 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 | |
| | • Developed a novel control interface using sensors to map hand gestures into moving directions | |
| SKILLS | Programming Languages | |
| | ▪ Python: (Proficient) , C/C++, Java, Javascript, MATLAB: (Prior Experience) | |
| | Frameworks | |
| | ▪ Tensorflow, PyTorch, 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 | |
| | ▪ Bash scripting for task automation, File systems in Linux, Basic network protocols | |
| AWARDS & SCHOLARSHIPS | ▪ 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 at Ecosperity conference and Young Leaders Dialogue | Sep 2015 |
| | Among 140 internationally selected participants in a one-week forum with world leaders, Singapore | |
| | ▪ Temasek Foundation Exchanged Scholarship | Aug 2014 – Dec 2014 |
| | One semester study at Nanyang Technological University, Singapore | |