

Hieu Le

hle@cs.stonybrook.edu • +1 (631) 891-8465 • l.m.hieu612 (Skype)

<https://lmhieu612.github.io> • 31 Cedar Drive • Stony Brook, 11790 • NY • USA

Education

Ph.D in Computer Science, Stony Brook University	Current GPA: 3.83/4	F2014 - PRESENT
Adviser: Prof. Dimitris Samaras		
Research interest: Computer Vision and Machine Learning.		
Coursework: Computer Vision, Computer Graphics, Artificial Intelligent, Discrete Math, Logic in Computer Science, Machine Learning, Advanced topics in Computer Vision.		
B.S in Computer Science, Vietnam National University - HCMUS	GPA: 8.64/10	F2008 - S2012

Research Experience

Stony Brook University, Computer Vision Lab , Prof. Dimitris Samaras.	F2014-Present
Stony Brook University, Eye Cognitive Lab , Prof. Gregory Zelinsky.	F2016-Present
Stony Brook University, School of Medicine, Prof. Helene D. Benveniste.	Summer 2015
HCMUS - Vietnam , Computer Vision Lab, Prof. Son Tran.	F2012-F2014
POSTECH - South Korea , Machine Learning Lab, Prof. Seungjin Choi.	Summer 2012

Academic Project

Deep Feature Selection for Object Localization <i>Propose and implement a novel method for object localization.</i>	2017 - Now
Geodesic Distance Histogram for Video Segmentation <i>Propose and implement a novel feature for video segmentation.</i>	2016
Depixelizing Pixel Art <i>Implement SIGGRAPH 2012 paper: "Depixelizing Pixel Art".</i>	2015
3D Registration for fluid tracking <i>Apply registration techniques on fMRI time series to analyze the fluid transition inside the brain.</i>	2015
Two-stream Deep Network for Action Recognition from Shape and Silhouette <i>Propose and implement a two-stream deep network model for action recognition from video.</i>	2014
Multiple Classifier Fusion for Handwritten Digit Recognition <i>Propose and implement a cascaded neural network model to recognize occluded handwritten digit images.</i>	2013

Honors & Awards

Vietnam Education Foundation Fellowship	2014
Vietnam National Foundation for Science and Technology Development Sponsorship.	2013
POSTECH - Exchange Student scholarship	2012
Vietnam - Silver medal in the National Informatics Olympic	2007

Publications

1. **Le, H.**, Yu, C.-P., Zelinsky, G., & Samaras, D. (2016). Co-localization with category consistent CNN features and geodesic distance co-propagation. - arXiv preprint arXiv:1612.03236 - 2016
 2. **Le, H.**, Nguyen, V., Yu, C.-P., & Samaras, D. (2016). Geodesic distance histogram feature for video segmentation. In Asian Conference on Computer Vision (ACCV), Taipei, Taiwan. - 2016
 3. Yu, C.-P., **Le, H.**, Zelinsky, G., & Samaras, D. (2015). Efficient video segmentation using parametric graph partitioning. In International Conference on Computer Vision (ICCV), Santiago, Chile. - 2015
 4. **Le, H.**, Duong, A. & Tran, S.: Multiple-Classier Fusion Using Spatial Features for Partially Occluded Handwritten Digit Recognition. ICIAR 2013: 124-132. - 2013
-

Teaching Experience - TA

Discrete Math (Graduate level)	S2017
Computer Graphics (Graduate level)	F2016
Data Structures	F2016

Skills

- Languages:
 - **Expert:** C++, Matlab.
 - **Intermediate:** Python, Lua, Java.
 - Frameworks: OpenCV, Torch7, Matconvnet.
 - Systems: Linux, OSX
-