

Visualizing the New Frontier: Recent Advances in Image Recognition Technology, ARLIS/NA Conference, 2015

Links for further investigation into image recognition technology applications that hold potential benefit for art history

Frick Art Reference Library partnering with John Resig to create a freely available Image Recognition Toolkit, blog posting to HASTAC, by Louisa Wood Ruby, October 7, 2014: <http://www.hastac.org/blogs/woodruby/2014/10/07/frick-art-reference-library-partnering-john-resig-create-freely-available->

Using Computer Vision to Increase the Research Potential of Photo Archives, by John Resig, <http://ejohn.org/research/computer-vision-photo-archives/>

Research on Application of Face-recognition Software to Portrait Art Shows Promise, in *UCR Today*, by Bettye Miller, MAY 31, 2013 <http://ucrtoday.ucr.edu/15392>

Possible Anne Boleyn portrait found using facial recognition software, *The Guardian*, Ian Sample, February 15, 2015: <http://www.theguardian.com/science/2015/feb/16/anne-boleyn-portrait-found-using-facial-recognition-software>

The Public Catalogue Foundation /Features: The art of computer image recognition: http://www.thepcf.org.uk/what_we_do/48/reference/862

ImageNet Large Scale Visual Recognition Challenge (last revised 30 Jan 2015 (this version, v3)): <http://arxiv.org/abs/1409.0575>

Stanford Vision Lab: <http://vision.stanford.edu/>

Software for Digital Humanities, Software Studies Initiative: <http://lab.softwarestudies.com/p/software-for-digital-humanities.html>

New York Times, Researchers Announce Advance in Image-Recognition Software, by John Markoff, November 17, 2014: <http://www.nytimes.com/2014/11/18/science/researchers-announce-breakthrough-in-content-recognition-software.html>

The Digital Humanities Unveiled: Perceptions Held by Art Historians and Computer Scientists About Computer Vision Technology, by Emily Spratt, Princeton University, November 25, 2014: <http://arxiv-web3.library.cornell.edu/abs/1411.6714v1>

Toward Automated Discovery of Artistic Influence, paper by Babak Saleh, Kanako Abe, Ravneet Singh Arora, Ahmed Elgammal (Submitted on 14 Aug 2014): <http://arxiv.org/abs/1408.3218>

Claros Explorer Image Search: <http://www.clarosnet.org/XDB/ASP/clarosExplorerImage.asp>

Machine Learning Algorithm Studying Fine Art Paintings Sees Things Art Historians Had Never Noticed, *The Physics arXiv Blog*, Aug. 18, 2014: <https://medium.com/the-physics-arxiv-blog/when-a-machine-learning-algorithm-studied-fine-art-paintings-it-saw-things-art-historians-had-never-b8e4e7bf7d3e>

Reconstructing the World's Museums, by Jianxiong Xiao and Yasutaka Furukawa, ECCV 2012 Best Student Paper Award and Google Research Excellent Papers Award: <http://vision.princeton.edu/projects/2012/museum/>