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APPOINTMENTS	Dartmouth College	2006 – present	
	Professor, Department of Computer Science Fourandsix Technologies, Inc.	2011 – present	
	Chief Technology Officer and Co-founder University of California, Berkeley	2010 – present	
	Visiting Scholar Dertmouth College		
	Director. Neukom Institute for Computational Science	2008 - 2011	
	William H. Neukom 1964 Distinguished Professor of Computational	<i>Science</i> 2008 – 2011	
	David T. McLaughlin Distinguished Professor of Computer Science	2007 – 2008	
	Professor, Department of Computer Science	2006 - 2007	
	Associate Professor, Department of Computer Science	2004 - 2006	
	Assistant Professor, Department of Computer Science	1999 - 2004	
EDUCATION	Massachusetts Institute of Technology	1997 – 1999	
	Postdoctoral Fellow, Brain and Cognitive Sciences		
	University of Pennsylvania	1993 - 1997	
	Ph.D., Computer Science	1000 1000	
	M S Commuter Science	1990 - 1992	
	University of Rochester	1994 - 1999	
	B.S., Computer Science with Applied Mathematics	1904 - 1900	
Awards	IEEE Signal Processing Society Best Paper Award, 2010 University at Albany Excellence in Science and Technology Aw	ard, 2010	
	John Simon Guggenneim Fellowsnip, 2006		
	Graduate Teaching Award, University of Pennsylvania, 1994		
Grants	National Science Foundation. GridIron (474K), Co-PI, 2012		
	National Science Foundation. Instrument Development for Biological Research (212K), Co-PI, 2008		
	National Science Foundation. Digital Imaging Laboratory at Dartmouth (427K), 2007		
	Department of Homeland Security. Digital Video Forensics (255K), 2007		
	Howard Hughes Medical Institute. Undergraduate Science Education (1.5M), Co-PI, 2006		
	United States Air Force. Digital Image Forensics (380K), 2006		
	Ivational Science Foundation. The Evolution of Mate Choice in Damselfiles (535K), Co-PI, 2005 Burnow of Justice Assistance, Digital Image Forensics (125K), 2005		
	Dureau of Justice Assistance. <i>Digital Image Forensics</i> (125K), 2005 Microsoft Corp. (275K), 2005, 2006, 2007, 2009		
	Adobe Systems Inc. (110K), 2006, 2007, 2009		
	National Institute of Justice Digital Tampering and Secrets (690K), 2003		
	National Institute of Justice. Detecting Digital Tampering (250K), 2000		
	National Science Foundation. CAREER: Mixing and Separating Digital Images (315K). 2000		

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New Forensic Details About Weinergate Photo in The New Republic, 6.1.11 Dartmouth Prof, Microsoft, Facebook Chase Child Pornography in Union Leader, 5.27.11 Microsoft & Facebook Fight Child Porn on 97.3 KIRO, Seattle, 5.20.11 Facebook's New Way to Combat Child Pornography in New York Times, 5.19.11 Automating the Hunt for Child Pornographers in New Scientist, 4.6.11 Detecting Fake Photos with Digital Detective Work in Columbia Journalism Review, 3.23.11 Hany Farid vs. Photoshop in Business Week, 12.20.10 Daredevil Tip Toes Around Lava on Good Morning America, 10.5.10 Airbrush Alert: UK Wants to Keep Fashion Ads Real in Associated Press, 9.20.10 Can You Believe Your Eyes in the Digital World? in BBC News, 8.2.10 The Technology Behind Spying on NPR, All Things Considered, 7.1.10 Child Porn Too Big For Law Enforcement? in The Christian Science Monitor, 6.13.10 How to Spot a Doctored Photo in Wired, 5.5.10 Oswald: Beyond a Shadow of Doubt? in Popular Mechanics, 3.6.10 Luminous Point in the Eye? in Der Spiegel, 3.1.10 High Tech Child Porn Tracker on NHPR, Word of Mouth, 12.21.09 Microsoft Donates Weapon to Fight Child Porn in Sydney Morning Herald, 12.17.09 Microsoft and National Center for Missing & Exploited Children Push for Action to Fight Child Pornography in CNN Money, 12.16.09 Microsoft Giving Software to Curb Child Porn in USA Today, 12.16.09 Dartmouth Scientist Says Oswald Rifle Photo Real on Vermont Public Radio, 11.24.09 Is That Picture Real? on NH Chronicle, 11.23.09 Video Manipulation on KCBS, 11.23.09 Can You Believe Your Eyes? in New York Times, Upfront, 11.23.09 JFK: The Conspiracy Myths on Discovery Canada, 11.22.09 Dartmouth Scientist Says Oswald Rifle Photo Real in Associated Press, 11.5.09 This Photo Is Lying to You in Outside, 9.1.09 Dartmouth Researcher Roots Out Fake Photographs in Valley News, 8.30.09 Professor: Photoshopping Person's Race Common on NPR, All Things Considered, 8.28.09 Faked Photographs: Look, and Then Look Again in New York Times, 8.23.09 Digital Forensics Susses Out True From False in Computer Power User, 6.1.09 Are the Photos of Borneo's Monster Snake Real? in Scientific American, 2.20.09 Photoshop Detective on Studio 360, 12.26.08 Real? Or Photoshopped? 'Airbrushing' Run Amok in ABC News, 12.19.08 The Digital Detective in San Jose Mercury News, 12.14.08 The Authenticity of Bin Laden Tapes on Chicago Public Radio's Worldview, 12.8.08 Did North Korea Fake Photos of Kim Jong-il? in Scientific American, 11.10.08 The Camera Never Lies... or Does It? on Radio New Zealnad, 8.17.08 Photos as Weapons in New York Times, 8.11.08 In A Photoshop Age, Can You Believe Your Eyes? on NPR, Talk of the Nation, 7.23.08 Iran Doctors Missile of Photo Launch on CNN, 7.11.08 Tricks in Tehran: on Southern California Public Radio, 7.10.08 Detecting Digital Alterations in Media on Vermont Public Radio, 7.2.08 Profile: Hany Farid on NOVA, Science Now, 6.25.08 Tampered Photos on PRI, The World, 6.3.08 Journals Find Fakery in Many Images in Chronicle of Higher Education, 5.29.08 Digital Detectives on NHPR, Word of Mouth, 5.15.08 Identifying Manipulated Images in MIT Technology Review, 3.16.08 Researchers Look to Spot Photo Hoaxes in The Associated Press, 2.25.08 Photo Tech Complicates Child-Porn Cases in The Associated Press, 2.25.08 Digital Forensics: An Interview with Dr. Hany Farid in The Digital Journalist, 2.11.08 An End to Picture Perfect Frauds in Discovery Channel Magazine, 2.1.08 How Can You Tell if a Picture is Real? on The Today Show, 12.21.07 Was Bin Laden's Last Video Faked? on 3WT Talk Radio, 10.31.07

Was Bin Laden's Last Video Faked? on MSNBC, 10.29.07 Digital Forensics on BBC, Night Waves, 10.17.07 Digital Photo Manipulation on KMOX 1120, 10.15.07 Proving That Seeing Shouldn't Always Be Believing in New York Times, 10.2.07 Digital Detectives Discern Photoshop Fakery in The Christian Science Monitor, 8.29.07 Restoring Trust in Photojournalism in Black Star Rising, 8.7.07 Distorted Picture in American Journalism Review, 7.30.07 Magazines' Extreme Touch-ups on The Today Show, 7.23.07 Photo Tampering an Age-Old Practice in The Chronicle of Higher Education, 6.27.07 Q&A: Hany Farid on Digital Manipulation in Photo District News, 6.1.07 Great Shots That Never Happened in Washington Post, 4.15.07 Computing Photographic Forgeries in Science News, 3.17.07 Adobe Tackles Photo Forgeries in Wired News, 3.8.07 Picture Imperfect in Nature News, 2.20.07 Science Fights the Fakes in MSNBC, 2.20.07 Surveillance: Video Evidence in Newsweek International, 1.15.07 Detecting Video Forgeries in MIT Technology Review, 11.29.06 Seeing is Believing? on CBS News Sunday Morning, 10.29.06 True Lies in Current Science, 10.20.06 True Renaissance by Computer in Primo, 9.2.06 Are Fake Videos Next? in News.com, 9.11.06 Digital Photo Manipulation, on BBC Digital Planet, 9.4.06 Keeping It Real, in The Economist, 8.17.06 Digital Art Authentication, on NPR, 1370 Connection, 8.11.06 Program to Detect Crimes of Image Forgeries, in Al-Ahram, 3.19.06 Photoshop Fakers, in Now Toronto, 3.15.06 The Hunt for Online Criminals in Mass High Tech, 2.20.06 Detecting Fraud in Journals in The Scientist, 2.10.06 A Digital Life on CNN, 2.2.06 Should Journals Police Scientific Fraud? in Nature News, 2.2.06 Smoking Out Photo Hoaxes in News.com, 1.31.06 Image Check for Scientific Journals in Der Spiegel, 1.30.06 It May Look Authentic; Here's How to Tell It Isn't in New York Times, 1.24.06 Technology Seen Abetting Manipulation of Research in Boston Globe, 1.10.06 Can Photos be Trusted in Popular Science, 9.1.05 Fakes, Frauds, and Fake Fakers in ARTNews, 6.1.05 Spotting a Digital Hoax on The Discovery Channel, 3.16.05 Digital Detectives Reveal Art Forgeries in Computing in Science & Engineering, 3.1.05 In The Photoshop Era, It's Harder To Trust Your Eyes in USA Today, 2.2.05 Seeing is No Longer Believing in The Christian Science Monitor, 2.2.05 Professors Who Are Changing the World in New Hampshire Magazine, 2.1.05 What Lies Beneath in Art & Antiques, 1.27.05 Photoshop Sleuths in MIT Technology Review, 1.17.05 Computers Increasingly Used in Crimes on WMUR TV News, 12.16.04 Art Forgeries (with John Myatt) on BBC World Service, 12.15.04 Digital Forensics on NHPR, Front Porch, 12.14.04 Debunking Photoshop Fakery in New York Times (Year in Ideas), 12.12.04 Digital Art Authentication, in ABC News, Australian Broadcasting Corporation, BBC Radio 4, BBC 5 Live, BBC World Service, Boston Globe, Baltimore Sun, CBC News, Charlotte Observer, Chicago Sun Times, Chicago Tribune, China Post, CNN, Jamaica Observer, Kansas City Star, Concord Monitor, Economist, Miami Herald, MSNBC, National Geographic, Nature, New Scientist, Newsday, Newsweek, New Zealand Herald, Philadelphia Inquirer, Radio Arthur, Rapid City Journal, Richmond Times, San Jose Mercury News, ScienCentral News, Science Magazine, Science News, Science Now, AAAS Science Update, Scientific American, Seattle Post Intelligencer, The Australian, The Globe and

	 Mail, Times UK, Valley News, Voice of America, Washington Post, WCAX News, Wired News, and Yahoo News, 11.23.04-11.25.04 Detecting Tampering in a Digital Photo on Discoveries+Breakthroughs, 10.26.04 Algorithm Detects Non-Watermarked Digital Forgeries in Laser Focus World, 10.1.04 What You See Is What You Question in Computer Power User, 10.1.04 Is It Real or Is It Photoshopped in Discover Magazine, 9.27.04 New Algorithm Foils Digital Forgers in Yahoo! News, 8.9.04 Doctored Digital Images on NPR, Future Tense, 7.27.04 A New Flavor of Digital Truth Serum, in New York Times, 7.22.04 Investigating Digital Images in ACM TechNews, California Computer News, Haaretz, Justnet, OE Magazine, Online Security, PhysOrg, Science Blog, ScienceDaily, Slashdot, Topix.net, and U.S. Politics Today, 7.1.04 Naked Eye Can't Tell If It's a Lie in Poughkeepsie Journal, 5.1.04 New Mathematical Algorithms Might Help Diagnose Cancer The Breast Cancer Newsletter, HPC Wire, Medical News Today, and ScienceDaily, 24.04 Is Seeing Believing in The Telegraph, 9.17.03 Is Seeing Believing on BBC News, 12.3.02 Mapping with Math in The Geological Society, Innovations Report, OE Mag., ScienceDaily, and UPI, 12.2.02 Molyneux Problem, in Strange But True, 7.17.02 Digital Tours of Murals, in The Chronicle of Higher Education, 7.9.02 Hidden Messages appearing on WCAX TV News, 10.19.01 Statistics Sniff Out Secrets appearing in Technology Research News, 9.26.01 Digital Secrecy in GlobalTechnoScan, Popular Technologies, and ScienceDaily, 8.10.01
INVITED TALKS	Digital Forensics, The World Bank, 6.12 Photo Retouching, Information Hiding (keynote), 5.12 Photo Forensics, Stanford University, 1.12 Ethics and Forensics in the Age of Photoshop Photojournalism, Massachusetts Institute of Technology, 4.11 Photo Forensics, National Geographic, 1.11 Photo Forensics, National Geographic, 1.11 Photo Forensics, Applied Perception in Graphics & Visualization (keynote), 7.10 Limitations of Visually-Based Image Forensics, Massachusetts Institute of Technology, 4.10 Photo Forensics, Massachusetts Institute of Technology, 4.10 Digital Image Forensics, IDGA Biometrics for National Security and Defense, 3.10 Visually-Based Image Forensics for National Security and Defense, 3.10 Visually-Based Image Forensics, IDGA Biometrics for National Security and Defense, 3.10 Photo Forensics, Smith-Kettlewell Eye Research Institute, 2.10 Digital Image Forensics, University of Rochester, 11.09 On the Limitations of Visually-Based Image Forensics, University of Rochester, 11.09 Photo Forensics, Brown University, 10.09 Digital Forensics, Biometrics: Theory, Applications and Systems (keynote), 9.09 Digital Tampering and Forensics, University of California, San Diego, 4.09 Image Forensics, University of California, Berkeley, 3.09 Estimating and Modeling Complex Lighting Environments, University of Pennsylvania, 10.08 Digital Tampering and Forensics, University of Massachusetts, Amherst, 10.08 Digital Tampering and Forensics, University of Clinical Radiologists, 9.08 Digital Tampering and Forensics, SUNY Albany

Digital Tampering and Forensics, Electronic Imaging Symposium (plenary talk), 1.08 Digital Image Forensics, The National Academies, 1.08 Digital Image Forensics, IBM Almaden, 11.07 Digital Image Forensics, University of California, Berkeley, 11.07 A Digital Technique for Art Authentication, Harvard University Art Museum, 10.07 Digital Image Forensics, Google, 4.07 Digital Image Forensics, Foveon Inc., 4.07 Exposing Digital Forgeries from Inconsistencies in Lighting, Carnegie Mellon University, 3.07 Digital Forensics, American Association for the Advancement of Science, 2.07 Digital Image Forensics, The Associated Press, 2.07 Exposing Digital Forgeries from Inconsistencies in Lighting, University of Pennsylvania, 2.07 Digital Tampering in the Media, Politics and Law, University of Pennsylvania, 2.07 Digital Image Forensics, Central Intelligence Agency, 12.06 From Photons to Pixels to Photoshop, Project Safe Childhood Conference, 12.06 Digital Image Forensics, Stanford University, 10.06 From Photons to Pixels to Photoshop, Crimes Against Children Conference, 8.06 Digital Image Forensics, Microsoft Corp., 6.06 A Digital Technique for Art Authentication, Rochester Memorial Art Gallery, 5.06 Digital Image Forensics, Eastman Kodak, 5.06 Digital Image Forensics, Google, 5.06 Digital Image Forensics, University of California, Davis, 5.06 Digital Image Forensics, National Academy of Sciences, 5.06 A Digital Technique for Art Authentication, San Diego Museum of Art, 3.06 A Picture is Worth a Thousand Lies, Dartmouth College, 2.06 Digital Image Forensics, Ricoh Innovations, 11.05 Energy vs. Synchrony in Perceptual Grouping, University of California, San Diego, 11.05 From Photons to Pixels to Photoshop, Delaware Department of Justice, 9.05 From Photons to Pixels to Photoshop, High Tech. Crime Investigation Assoc., 8.05 Digital Image Forensics, National Association of Attorneys General, 6.05 How Realistic is Photorealistic?, University of California, Santa Cruz, 6.05 Digital Image Forensics, University of California, Berkeley, 5.05 Digital Image Forensics, University of California, Santa Cruz, 5.05 Digital Image Forensics, National Association of Attorneys General, 5.05 **Digital Image Forensics, Adobe Systems, 4.05** Digital Image Forensics, Office of Research Integrity, 1.05 Digital Image Forensics, University of New Hampshire, 12.04 Digital Image Forensics, New Hampshire Cyber Crime Network, 12.04 Digital Image Forensics, Leslie Center for the Humanities, Dartmouth College, 11.04 Reconstructing Ancient Egyptian Tombs, Society for Imaging Science and Tech., 10.04 Digital Image Forensics, Adobe Systems, 10.04 Digital Image Forensics, National Association of Attorneys General, 9.04 Digital Image Forensics, University of Pennsylvania, 7.04 How Realistic is Photorealistic?, University of Illinois, 4.04 Universal Steganalysis, Central Intelligence Agency, 2.04 How Realistic is Photorealistic?, The Salk Institute, 1.04 Grouping by Temporal Synchrony?, The Salk Institute, 1.04 How Realistic is Photorealistic?, Stevens Institute of Technology, 12.03 How Realistic is Photorealistic?, Massachusetts Institute of Technology, 11.03 How Realistic is Photorealistic?, Harvard University, 11.03 How Realistic is Photorealistic?, University of Chicago, 11.03 How Realistic is Photorealistic?, University of Maryland, 11.03 Grouping by Temporal Synchrony?, University of Chicago, 10.03 Mixing and Unmixing Digital Images, Harvard University, 10.02 Temporal Synchrony in Perceptual Grouping?, University of Rochester, 9.02

	Mixing and Unmixing Digital Images, New York University, 4.02 Mixing and Unmixing Digital Images, University of Pennsylvania, 3.02 Digital Tampering, Washington University, St. Louis, 1.02 Digital Secrets, Boston University, 12.01 Grouping by Temporal Synchrony, Harvard University, 11.01 Blind Removal of Image Non-Linearities, Columbia University, 11.01 Blind Removal of Image Non-Linearities, Columbia University, 11.01 Blind Removal of Image Non-Linearities, Massachusetts Institute of Technology, 10.01 Grouping by Temporal Synchrony, New York University, 10.01 Grouping by Temporal Synchrony, Massachusetts Institute of Technology, 3.01 Grouping by Temporal Synchrony, Boston University, 2.01 Blind Removal of Image Non-Linearities, University of Pennsylvania, 3.00 Digital Image Separation, George Mason University, 3.00 Grouping in Temporally Synchronous Displays, Dartmouth College, 12.99 Separating Digital Images, Brooklyn Polytechnic University, 3.99 Separating Digital Images, Massachusetts Institute of Technology, 2.99 Separating Images, University of Pennsylvania, 10.98 Monocular Stereo, Polaroid Inc, 7.98 Digital Image Enhancement, Williams College, 4.98 Monocular Stereo, Massachusetts Institute of Technology, 3.98 Range Estimation by Optical Differentiation, University of California, Berkeley, 3.97 A Differential Optical Range Camera, Sensar Inc., 11.96 Direct Differential Range Estimation, Columbia University, 5.96 Steerable Filters for Low-level Image Processing, SUNY at Albany, 11.95 3-D Scene Reconstruction for Telepresence, UNC, Chapel Hill, 6.94
Mentor	Summer Robot Camp, Dartmouth College, 2004-2007 Gates Millennium Scholarship, Dartmouth College, 2000 Mellon Minority Scholarship, Dartmouth College, 2000 Math Circle/Math Camp, 1998-2001, 2004 NASA Quality Education for Minorities, U. of Penn, 1995-1996 Philadelphia Math and Science Outreach, U. of Penn, 1994-1996
Associate Editor	IEEE Transactions on Information Forensics and Security, 2005-2008
Program Committee	International Conference on Computational Photography, 2012 Information Hiding, 2010 Media Security and Forensics (Electronic Imaging), 2009, 2010, 2011 Technical Advisory Board for Berkman's Internet Safety Task Force, 2008 Vision of the Unseen (CVPR Workshop), 2008 Statistical Learning in Computer Vision (ECCV Workshop), 2004 American Association for Artifical Intelligence (Vision/Perception), 2004 Statistical Analysis in Computer Vision (CVPR Workshop), 2003
Reviewer	NSF review panel (ITR Medium), 2003 NSF review panel (CAREER: RHA/CV), 2000, 2002, 2003 NSF review panel (RHA/CV), 2000 American Association for Artificial Intelligence (AAAI), Computer Analysis of Images and Patterns (CAIP), Computer Vision and Pattern, Recognition (CVPR), Electronics Letters, Euro- pean Conference on Computer Vision (ECCV), IEEE Transactions on Image Processing, IEEE Transactions on Multimedia, IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE Transactions on Signal Processing, IEEE Security and Privacy, Information Hiding, Inter- national Conference on Computer Vision (ICCV), International Journal of Computer Vision,

	International Journal of Imaging Systems and Technology, Journal of Cognitive Neuroscience, Journal of the Optical Society of America, Journal of Visual Communication and Image Repre- sentation, Medical Physics, Perception, Proceedings of the Royal Society: Biological Sciences, SIGGRAPH, Vision and Applications, Vision Research
Students	Valentina Conotter (2011), Computer Science and University of Trento, Ph.D. co-adviser Daniel Hopkins, '10, Mathematics, senior research adviser Kimo Johnson (2007), Computer Science, Ph.D. adviser Eric Kee, Computer Science, Ph.D. adviser Jethro Rothe-Kushel '03, Religion, senior research adviser Siwei Lyu (2005), Computer Science, Ph.D. adviser David Martin '00, Computer Science, senior thesis adviser Kiley McEvoy, '06, Engineering, senior research adviser Joseph Pechter '04, Computer Science, senior thesis adviser William Pechter '04, Computer Science, senior thesis adviser Senthil Periaswamy (2003), Computer Science, Ph.D. adviser Andrew Pierce '02, Mathematics, senior research adviser Nelson Rosa '06, Engineering, senior research adviser Katherine Sherwin '01, Engineering/Physics, senior research adviser Hai Sun (2004), Engineering, Ph.D. co-adviser Weihong Wang (2009), Computer Science, Ph.D. adviser
TEACHING	Digital Forensics, University of Trento, Italy, Spring 2011 Numerical and Computational Tools for Applied Science, CS 36/136, Summer 2008 Concepts in Computing, CS 4, Summer 2008 Numerical and Computational Tools for Applied Science, CS 36/136, Summer 2007 Concepts in Computing, CS 4, Summer 2007 Concepts in Computing, CS 4, Winter 2006 Numerical Methods in Computer Vision, CS 188/88, Fall 2004 Concepts in Computing, CS 4, Summer 2003 Concepts in Computing, CS 4, Summer 2003 Concepts in Computing, CS 4, Summer 2002 Data Structures and Programming, CS 15, Winter 2002 Data Structures and Programming, CS 15, Fall 2001 Numerical Linear Algebra, CS106, Spring 2001 Data Structures and Programming, CS 15, Winter 2001 Data Structures and Programming, CS 15, Fall 2000 Fundamentals of Image Processing, CS 188/88, Spring 2000 Programming Languages, CS 68, Winter 2000 Data Structures and Programming, CS 15, Fall 1999
College Committees	Associate Chair, 2004-2009 Ph.D. Adviser, 2004-2006 Steering Committee, Neuroscience Major, 2004-2008 Director Search, Neukom Institute for Computational Science, 2005 HHMI Undergraduate Biological Sciences Education Proposal, 2005 Green Grid Computing, 2004-2005 Computer Science Building Expansion, 2003-2005 Faculty Search, Thayer School of Engineering, 2004 Department Web Master, 1999-2004 Faculty Recruiting, 2003, 2010, 2011 Ph.D. Graduate Admissions 2001-2003, 2010 Associate Director Search, ISTS, 2002 M.D./Ph.D. Admission, 2001