

Michael Maire

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EDUCATION	University of California, Berkeley Ph.D. Student in Computer Science Emphasis: Computer Vision Advisor: Professor Jitendra Malik	2003-present
	California Institute of Technology B.S. in Electrical and Computer Engineering, with Honors	1999-2003
EMPLOYMENT	Graduate Student Researcher Computer Science Department, University of California, Berkeley, CA	2003-present
	Research Intern Lawrence Livermore National Laboratory, Livermore, CA	Summer 2005
	Software Development Intern NVIDIA Corporation, Santa Clara, CA	Summer 2004
	Undergraduate Researcher Computer Vision Laboratory California Institute of Technology, Pasadena, CA	Summer 2001 & 2002
	Research Intern Booz-Allen and Hamilton, Inc.	Summer 2000
	Research Intern U.S. Army Research Laboratory, Adelphi, MD	Summers 1997-1999
AWARDS	U.S. Department of Homeland Security Graduate Fellowship California Microelectronic Fellowship Election to Tau Beta Pi Engineering Honor Society Caltech Upper Class Merit Award Caltech Summer Undergraduate Research Fellowship Caltech Freshman Merit Award Intel Science Talent Search Finalist	2004-2006 2003 2003 2002 2001 & 2002 1999 1999
TEACHING	University of California, Berkeley Graduate Student Instructor for CS 188: Artificial Intelligence	Spring 2008
	California Institute of Technology Teaching Assistant for EE148: Visual Recognition	Spring 2003
PUBLICATIONS	Pablo Arbeláez, Michael Maire, Charless Fowlkes, and Jitendra Malik, "From Contours to Regions: An Empirical Evaluation", <i>IEEE Conference on Computer Vision and Pattern Recognition (CVPR)</i> , 2009.	
	Michael Maire, Pablo Arbeláez, Charless Fowlkes, and Jitendra Malik, "Using Contours to Detect and Localize Junctions in Natural Images", <i>IEEE Conference on Computer Vision and Pattern Recognition (CVPR)</i> , 2008.	

- PUBLICATIONS** Hao Zhang, Alexander C. Berg, Michael Maire, and Jitendra Malik, “SVM-kNN: Discriminative Nearest Neighbor Classification for Visual Category Recognition”, *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2006.
- (continued) Jaety Edwards, Yee Whye Teh, David A. Forsyth, Roger Bock, Michael Maire, and Grace Vesom, “Making Latin Manuscripts Searchable using gHMM’s”, *Neural Information Processing Systems (NIPS)*, 2004.
- Tamara L. Berg, Alexander C. Berg, Jaety Edwards, Michael Maire, Ryan White, Yee Whye Teh, Eric Learned-Miller, and David A. Forsyth, “Names and Faces in the News”, *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2004.
- Pierre Moreels, Michael Maire, and Pietro Perona, “Recognition by Probabilistic Hypothesis Construction”, *European Conference on Computer Vision (ECCV)*, 2004.
- Michael Maire, “Dynamic Code Updates”, Caltech Undergraduate Thesis, 2003.
- Michael Maire, “3D Direction Finding Algorithms for Acoustic Target Tracking”, *Journal of Undergraduate Sciences*, Vol. 5, Issue 3: 65-75, 1999.