

Michael Maire mmaire@eecs.berkeley.edu

EDUCATION	University of California, Berkeley Ph.D. Student in Computer Science (GPA: 3.9) Emphasis: Computer Vision Advisor: Professor Jitendra Malik	2003-present
	California Institute of Technology B.S. in Electrical and Computer Engineering, with Honors (GPA: 3.9)	1999-2003
RESEARCH	“Making Latin Manuscripts Searchable using gHMM’s” Jaety Edwards, Yee Whye Teh, David A. Forsyth, Roger Bock, Michael Maire, and Grace Vesom, to appear, <i>Neural Information Processing Systems</i> , 2004. “Names and Faces in the News” Tamara L. Berg, Alexander C. Berg, Jaety Edwards, Michael Maire, Ryan White, Yee Whye Teh, Eric Learned-Miller, and David A. Forsyth, <i>IEEE Conference on Computer Vision and Pattern Recognition</i> , 2004. “Recognition by Probabilistic Hypothesis Construction” Pierre Moreels, Michael Maire, and Pietro Perona, <i>European Conference on Computer Vision</i> , 2004. “Dynamic Code Updates” Michael Maire, Caltech Undergraduate Thesis, 2003. “3D Direction Finding Algorithms for Acoustic Target Tracking” Michael Maire, <i>Journal of Undergraduate Sciences</i> , Vol. 5, Issue 3: 65-75, 1999.	
TEACHING	Caltech Teaching Assistant for EE148: Visual Recognition	2003
WORK	NVIDIA Corporation <i>Developed software tools for verifying GPU correctness</i>	2004
	Caltech Summer Research Fellowship in Computer Vision <i>Developed a probabilistic framework for recognizing objects in cluttered scenes using local scale-invariant features</i>	2002
	Caltech Summer Research Fellowship in Computer Vision <i>Designed and implemented a real-time feature tracking system onboard a video camera containing FPGA hardware</i>	2001
	Booz-Allen and Hamilton, Inc. <i>Developed software for modeling network centric warfare</i>	2000
	U.S. Army Research Laboratory <i>Created software for passively tracking sound sources using microphone arrays</i>	1997-1999
AWARDS	U.S. Department of Homeland Security Graduate Fellowship <i>Full funding for three years of Ph.D. program</i>	2004
	California Microelectronic Fellowship <i>Full funding for first year of Ph.D. program</i>	2003
	Election to Tau Beta Pi Engineering Honor Society	2003
	Caltech Upper Class Merit Award <i>Full scholarship for senior year of undergraduate study</i>	2002
	Caltech Summer Undergraduate Research Fellowship	2001 & 2002
	Caltech Freshman Merit Award <i>Partial 4 year scholarship for undergraduate study</i>	1999
	Intel Science Talent Search Finalist	1999
RELEVANT COURSES	Computer Algorithms, Operating Systems, Compilers, Type Theory, Networking, Microprocessor Systems, Advanced Digital Design, Computer Architecture, Statistical Learning Theory, Computer Vision	