

## Joseph J. Lim

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CONTACT INFORMATION	32 Vassar St, 32-D428 Cambridge, MA 02139	<i>Vocie:</i> (650) 353-6737 <i>E-mail:</i> lim@csail.mit.edu <a href="http://csail.mit.edu/~lim">http://csail.mit.edu/~lim</a>
RESEARCH INTERESTS	Computer Vision, Graphics, and Machine Learning	
EDUCATION	<b>Massachusetts Institute of Technology</b> , Cambridge, MA <i>Ph.D. Program in Computer Science</i> <ul style="list-style-type: none"><li>• Advisor: Antonio Torralba</li></ul>	<b>2009 - present</b>
	<b>University of California, Berkeley</b> , Berkeley, CA B.A., Double Majors in Computer Science and Mathematics <ul style="list-style-type: none"><li>• Overall GPA: 3.97/4.00</li><li>• Highest Honors (<i>Summa Cum Laude</i>)</li><li>• All A+s in CS courses</li></ul>	<b>Graduated May 2009</b>
AWARDS	National Science Foundation (NSF) Graduate Fellowship	<b>2009</b>
	UC Berkeley Outstanding Undergraduate Research Award	<b>2009</b>
	ACM International Collegiate Programming Contest (Team: UCB BLUE) - World Final	<b>2009</b>
	Haas Scholar - Fellowship for Independent Research (\$12,600)	<b>2008-2009</b>
	Undergraduate Research Opportunities Program - Research Grant	<b>Fall 2006</b>
PUBLICATIONS	6. Joseph J. Lim, Ruslan Salakhutdinov, and Antonio Torralba. Transfer Learning by Borrowing Examples for Multiclass Object Detection. In <i>NIPS 2011</i> .	
	5. Pablo Arbelaez, Bong-Gyoon Han, Dieter Typke, Joseph J. Lim, Robert M. Glaeser, Jitendra Malik. Experimental Evaluation of Support Vector Machine-based and Correlation-based Approaches to Automatic Particle Selection. <i>Journal of Structural Biology 2011</i> . doi:10.1016/j.jsb.2011.05.017.	
	4. Myung Jin Choi, Joseph J. Lim, Antonio Torralba, Alan S. Willsky. Exploiting Hierarchical Context on a Large Database of Object Categories. In <i>CVPR 2010</i> .	
	3. Joseph J. Lim, Pablo Arbelaez, Chunhui Gu, Jitendra Malik. Context by Region Ancestry. In <i>ICCV 2009</i> .	
	2. Chunhui Gu, Joseph J. Lim, Pablo Arbelaez, Jitendra Malik. Recognition using Regions. In <i>CVPR 2009</i> .	
	1. Max Welling and Joseph J. Lim. A Distributed Message Passing Algorithm for Sensor Localization. In <i>ICANN 2007</i> .	
WORKING EXPERIENCE	<b>Adobe</b> , San Francisco, California USA <i>Creative Technologies Lab Intern</i> The project was about human part segmentation (e.g. segmenting face, torso, lower body, etc). The goal was to combine top-down and bottom-up approaches to obtain a higher quality result.	<b>2010</b>
	<b>Google</b> , Mountain View, California USA <i>Software Engineer</i> Designed and implemented various algorithms on how to improve advertisement and user interfaces for the advisers.	<b>2009</b>

	<b>JavaGround</b> , Irvine, California USA	<b>2006</b>
	<i>Tool Developer</i>	
	Developed a solution tool that enables developers to be able to simulate mobile applications on desktop environment.	
	<b>Microsoft Corporation</b> , Redmond, Washington USA	<b>2006</b>
	<i>Software Design Engineer Intern</i>	
	Worked on the project that requires designing and implementing a new feature that will be included in the newer version of Mac MSN Messenger. This project required both understanding the core of Mac OS X and existing codes.	
ACADEMIC EXPERIENCE	<b>Teaching Assistant</b> , Massachusetts Institute of Technology 6.869 - Advances in Computer Vision: Learning and Interfaces	<b>Spring 2010</b>
	<b>Research Assistant</b> , Massachusetts Institute of Technology Working with Professor Antonio Torralba on Computer Vision.	<b>2009-present</b>
	<b>Grader</b> , University of California - Berkeley CS 188 - Introduction to Artificial Intelligence	<b>Spring 2009</b>
	<b>Grader</b> , University of California - Berkeley CS 188 - Introduction to Artificial Intelligence	<b>Fall 2008</b>
	<b>Research Assistant</b> , University of California - Berkeley Worked with Professor Jitendra Malik on Computer Vision.	<b>2007-2009</b>
	<b>Team Leader, Cal RoboCup</b> , University of California - Berkeley Served the CS team as the leader in the Cal Robocup group.	<b>2007-2008</b>
	<b>Grader</b> , University of California - Berkeley CS 61B - Data Structures and Algorithms	<b>Fall 2007</b>
	<b>Research Assistant</b> , University of California - Irvine Worked with Professor Max Welling on Machine Learning.	<b>2006-2007</b>
PROFESSIONAL ACTIVITY	<b>Reviewer</b> IEEE International Conference on Computer Vision (ICCV)	<b>2011</b>
	<b>Reviewer</b> IEEE Conference on Computer Vision and Pattern Recognition (CVPR)	<b>2011</b>
OTHER	Languages: C/C++, Java, Matlab Development Environment: Linux/Unix, Mac OS, and Windows. Fluent in English and Korean (U.S. citizen)	