

Kai Wang

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EDUCATION	University of California, San Diego , La Jolla, CA Ph.D. Candidate in Computer Science, started in Fall 2007. Advisor: Prof. Serge Belongie University of Washington , Seattle, WA B.S. in Computer Science with College Honors, 2006.	
EXPERIENCE	University of California, San Diego , La Jolla, CA <i>Graduate Research Assistant</i>	July 2007 - Present
	University of California, Berkeley , Berkeley, CA <i>Visiting Graduate Researcher</i> Host: Prof. David Wagner	March 2011 - September 2011
	Google Inc. , Santa Monica, CA <i>Google Goggles, Summer Intern</i> Host: Dr. Alessandro Bissacco	Summer 2010
	Microsoft Research Asia , Beijing, China <i>Visual Computing Group, EAPSI Fellow</i> Host: Dr. Jian Sun	Summer 2009
	Google Inc. , Mountain View, CA <i>Video Content Analysis Group, Summer Intern</i> Host: Dr. Hrishikesh Aradhye	Summer 2008
	Jobster Inc. , Seattle, WA <i>Software Development Engineer</i>	August 2006 - July 2007
	Intel Research , Seattle, WA <i>Undergraduate Intern</i> Host: Dr. Matthai Philipose	October 2004 - August 2006
	University of Washington , Seattle, WA <i>Research Assistant</i> Mentors: Prof. Donald Patterson (UC Irvine) and Prof. Henry Kautz (UW).	January 2004 - June 2004
HONORS	Yahoo! Key Scientific Challenges Program, 2010 NSF EAPSI Fellowship, 2009 NSF Graduate Research Fellowship, 2007-2010 Mary Gates Research Training Grant, University of Washington, 2006 Undergraduate Scholar Award, University of Washington, 2002-04	
PUBLICATIONS	Kai Wang, Boris Babenko, and Serge Belongie. End-to-end Scene Text Recognition <i>International Conference on Computer Vision (ICCV)</i> , Barcelona, Spain. September 2011. Kai Wang, Eric Rescorla, Hovav Shacham, and Serge Belongie. OpenScan: A Fully Transparent	

Optical Scan Voting System. *USENIX Electronic Voting Workshop (EVT)*, Washington, DC. August 2010.

Kai Wang and Serge Belongie. Word Spotting in the Wild. *European Conference on Computer Vision (ECCV)*, Heraklion, Crete. September 2010.

Peter Faymonville, Kai Wang, John Miller, Serge Belongie. CAPTCHA-based Image Labeling on the Soylent Grid. *Human Computation Workshop (HCOMP) 2009*, Paris, France. June 2009.

Benjamin Laxton, Kai Wang, and Stefan Savage. Reconsidering Physical Key Secrecy: Teleduplication via Optical Decoding. *ACM Computer and Communications Security (CCS)*, Arlington, VA. October 2008.

Shiaokai Wang, William Pentney, Ana-Maria Popescu, Tanzeem Choudhury, and Matthai Philipose. Commonsense-Based Joint Training of Human Activity Recognizers. *International Joint Conference on Artificial Intelligence (IJCAI)*, Hyderabad, India. January 2007.

William Pentney, Henry Kautz, Matthai Philipose, Ana-Maria Popescu, and Shiaokai Wang. Sensor-Based Understanding of Daily Life via Large-Scale Use of Common Sense. *Association for the Advancement of Artificial Intelligence (AAAI)*, Boston. July 2006.

Donald J. Patterson, Lin Liao, Krzysztof Gajos, Michael Collier, Nik Livic, Katherine Olson, Shiaokai Wang, Dieter Fox, and Henry Kautz. Opportunity Knocks: a System to Provide Cognitive Assistance with Transportation Services. *International Conference in Ubiquitous Computing (UBICOMP)*, Nottingham, England. September 2004.

SELECTED TALKS “Reconsidering OCR from an Object Recognition Perspective,” UC Berkeley, May 2011; Amazon A9, August 2011; Stanford, September 2011.

“Reading Image Text: an Object Recognition Based Approach,” Google Santa Monica, January 2010.

SELECTED PRESS **Scientific American, November 2008**
Title: *Showcasing Your Life Online? New Software Uses Images of Keys to Make Copies.*
Coverage of Reconsidering Physical Key Secrecy: Teleduplication via Optical Decoding.

TEACHING **University of California, San Diego**, La Jolla, CA
EXPERIENCE *Teaching Assistant - CSE 166 - Image Processing* **Fall 2011**
Instructor - Teams in Engineering Service (TIES): GroZi Project **Fall 2008**

University of Washington, Seattle, WA
Teaching Assistant - CSE 457 - Computer Graphics **Spring 2005**

Also published under Shiaokai Wang.
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