

Uri Schonfeld – Curriculum Vitae

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CONTACT INFORMATION

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RESEARCH INTERESTS

- **Web:** web search, web crawling, web data mining, ranking in social networks.
- **Operating Systems:** file systems, distributed file systems, databases, semantic file systems.
- **Distributed Systems:** distributed storage systems, peer-to-peer networks, distributed computing.

EDUCATION

- 2006 – 2011 Ph.D. in **Computer Science**,
UCLA - University of California Los Angeles.
Research advisor: Prof. Junghoo John Cho.
Research topic: Crawling for results.
GPA: 4.0.
- 2004 – 2006 M.Sc. in **Electrical Engineering**,
Technion - Israel Institute of Technology, Haifa, Israel.
Research advisors: Dr. Ziv Bar-Yossef and Dr. Idit Keidar.
Research topic: Detecting near-duplicate web pages using their URLs.
GPA: 91.2/100.
- 1995 – 2000 B.Sc. in **Computer Science**,
Technion - Israel Institute of Technology, Haifa, Israel.
Cum laude.
GPA: 86.2/100.

EMPLOYMENT

- 2011 – present Software Engineer, Google, Kirkland WA, USA.
- 2009 – 2011 Research assistant, UCLA, Los Angeles CA, USA.
- 2008 – 2009 Intern, Google, Seattle WA, USA.
- Summer 2007 Intern, Yahoo! Inc., Santa Clara CA, USA.
- 2006 – 2007 Research assistant, UCLA, Los Angeles CA, USA.
- 2004 – 2006 Research assistant and teaching assistant, Technion - Israel Institute of Technology, Haifa, Israel.
Supervised student projects dealing with peer-to-peer networks, file systems, and web crawling.
- 1997-2004 Research Staff Member and Software Engineer, IBM Haifa Research Labs, Haifa, Israel.
Participated in the following projects:
- Reef: Linux based storage controller.
 - zFS: Experimental distributed file system.
 - iBoot: Boot over iSCSI: project architect and team member.
 - iSCSI: SCSI over TCP/IP.
 - Stego: Electronic book.
 - GPFS: General Parallel File System.
- 1992 – 1994 Military service, Israel Defense Forces, Israel.

TEACHING EXPERIENCE

- Instructor, Operating Systems - Technion External Studies Division.
- Teaching Assistant, Introduction to Computer Science - University of California Los Angeles.

PUBLICATIONS

1. M. Welch, U. Schonfeld, D. He and J. Cho, Topical Semantics of Twitter Links. In the Proceedings of the 4th International Conference on Web Search and Data Mining (WSDM), 2011.
2. U. Schonfeld, and N. Shivakumar, Sitemaps: Above and Beyond the Crawl of Duty. In the Proceedings of the 18th International World Wide Web Conference (WWW), 2009.
3. Z. Bar-Yossef, I. Keidar, and U. Schonfeld. Do Not Crawl in the DUST: Different URLs with Similar Text. In the ACM Transactions on the Web (TWEB) Vol. 3, No. 1, 2009
4. J. Cho, and U. Schonfeld, RankMass Crawler: A Crawler with High PageRank Coverage Guarantee. In the Proceedings of the 33rd International Conference on Very Large Databases (VLDB), 2007.
5. Z. Bar-Yossef, I. Keidar, and U. Schonfeld. Do Not Crawl in the DUST: Different URLs with Similar Text. In the Proceedings of the 16th International World Wide Web Conference (WWW) 2007.
6. Z. Bar-Yossef, I. Keidar, and U. Schonfeld. Using Logs to Uncover DUST: Different URLs with Similar Text. Poster in the Proceedings of the 15th International World Wide Web

Conference (WWW) 2006.

PATENTS

1. A. Azagury, C. Leue and, U. Schonfeld. Search Engine Coverage. *Filed patent application*. IBM Haifa Research Labs, July 2005.
2. U. Schonfeld, A. Bhattacharjee, R. Ahuja. System and Method for Detecting Duplicate Content Items. *Filed patent application*. Yahoo-Inc, November 2007.

PROGRAM COMMITTEE MEMBER

1. 20th International World Wide Web Conference (WWW), 2011.

FELLOWSHIPS

1. The Malcolm R. Stacey Memorial Scholarship for 2010-2011.
2. UCLA Graduate Student Fellowship for 2006-2007.

TALKS AT SEMINARS

1. Mathematics of Knowledge and Search Engines: Tutorials: Web crawling, 2007.