

CONTACT INFORMATION	Jay D. Mundrawala 1208 Cromwell Lane Naperville, IL 60564	<i>Phone:</i> (630) 926-6759 <i>Fax:</i> (630) 904-0169 <i>E-mail:</i> jay@ir.iit.edu
PROFESSIONAL INTERESTS	Data Mining, Information Retrieval, Hardware Design, High Performance Computing	
EDUCATION	Illinois Institute of Technology , Chicago, IL <ul style="list-style-type: none"> B.S., Computer Engineering Aug. 2007 to May 2010 	
PUBLICATION	N. Goharian, O. Frieder, W. Yee, J. Mundrawala, "Enriching Peer-to-Peer File Descriptors using Association Rules on Query Logs," 32nd European Conference on Information Retrieval, Milton Keys, UK, March 2010.	
TECHNICAL SKILLS	Focus in information retrieval and digital hardware design Programming Languages <ul style="list-style-type: none"> <i>Proficient:</i> ASM(MIPS/M68K), C, Java, VHDL <i>Familiar:</i> BASH, Erlang, GNU flex, Perl, Ruby, SQL Operating Systems: GNU/Linux, Windows Tools: Apache Ant, Git, GLib, L ^A T _E X, Lucene, Make, ModelSim, MySQL, OpenCL, SQLite, Vim, Xilinx ISE	
PROFESSIONAL EXPERIENCE	Information Retrieval Laboratory - Illinois Institute of Technology, Chicago, IL <i>Research Assistant</i> May. 2008 to present <ul style="list-style-type: none"> Was responsible for debugging and optimizing SQLGenerator¹ - A scalable XML retrieval engine which implements XPath and XQuery by translating it to SQL. Update documentation for various projects Ran tests to determine efficiency of selected search engines Designed and implemented an encryption solution for Lucene indexes that is in the process of being added to the Lucene core Defyned, Inc. <i>Senior Developer</i> Jul. 2009 to Oct. 2009 <ul style="list-style-type: none"> helped design and implement a massively scalable chat and search system integrated functionality to perform topic detection on chats Computer Science Department - Illinois Institute of Technology, Chicago, IL <i>Teaching Assistant</i> Jan. 2008 to May. 2008 <ul style="list-style-type: none"> Assisted students with various C programming assignments 	

¹<http://ir.iit.edu/projects/SQLGenerator.html>