

Swapneel Sheth

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EDUCATION

Columbia University, Graduate School of Arts and Sciences New York, NY
Ph.D. in Computer Science Expected December 2012

Columbia University, Fu Foundation School of Engineering and Applied Science New York, NY
MS in Computer Science, GPA 4.1/4.0 December 2007

Mumbai University, Sardar Patel College of Engineering Mumbai, India
BE in Computer Engineering, 69% (2nd in class) May 2006

EXPERIENCE

Columbia University New York, NY
Research Assistant, Lab of Prof. Gail Kaiser Spring 2007 - current

- Working on a project called "Societal Computing" that explores the impact of computational tradeoffs on societal concerns such as Privacy, Green Computing, Sustainability, and Cultural Differences
- Working on a project called "HALO (Highly Addictive socialLly Optimized) Software Engineering" that applies engaging qualities of games to software engineering to make it more fun and social
- Working on a project called "genSpace" that explores social networking metaphors for knowledge sharing and scientific collaborative work
- Published 7 papers in refereed conferences and workshops

Columbia University New York, NY
Preceptor, Teaching Assistant Fall 2006 - current

- Taught *Introduction to Information Science* (Spring 2011), *Data Structures in Java* (Fall 2011)
- Teaching Assistant for 8 courses including *Advanced Software Engineering*, *Web Enhanced Information Management*, and *Introduction to Computer Science and Programming in Java*
- Course Manager for the Columbia Video Network (CVN) for 6 courses including *Advanced Software Engineering* and *Web Enhanced Information Management*

Intelligent Search Technologies Ltd. White Plains, NY
Summer Intern Jun - Aug 2007

- Implemented a Module for Transliteration in C and ported the code to Windows, Linux, Solaris, HP UX, and AIX
- Wrote wrappers in Ruby enabling clients who use Ruby to integrate legacy C code through Shared Objects (DLLs and .so)

Atos Origin Torino, Italy
Help Desk Manager Jan - Feb 2006

- Student Intern for the Winter Olympics 2006 at Torino, Italy
- 1 out of 25 students selected worldwide for the Olympic Intern Program
- Managed the Technology Help Desk at Cesana Pariol and headed a team of 20+ volunteers
- Responsible for providing On-Venue support to customers such as Torino Olympic Committee, Kodak, Lenovo, and Omega

TECHNICAL SKILLS

Operating Systems	Linux, Mac OS X, Unix, Windows, Cygwin
Programming	Java, Ruby, Lisp, C/C++, ANTLR, Swish, C#, L ^A T _E X
Web Technologies	HTML, XML, JSP, Servlets, Ruby on Rails, .NET
Tools	Eclipse, Rational Rose, WebSphere, Microsoft Visual Studio
Database Systems	Oracle (SQL, PL/SQL), MySQL, Microsoft SQL Server

SELECTED PUBLICATIONS

- S. Sheth, G. Kaiser. *The Tradeoffs of Societal Computing*. Proc. of Onward! 2011 - ACM Symposium on New Ideas in Programming and Reflections on Software - Essays Track, October 2011
- J. Bell, S. Sheth, G. Kaiser. *Secret Ninja Testing with HALO Software Engineering*. Proc. of the 4th Intl. Workshop on Social Software Engineering (SSE), September 2011
- C. Murphy, S. Sheth, G. Kaiser, L. Wilcox. *genSpace: Exploring Social Networking Metaphors for Knowledge Sharing and Scientific Collaborative Work*. Proc. of the 1st Intl. Workshop on Social Software Engineering and Applications (SoSEA), September 2008