

# Sameer Halai

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<b>Profile</b>	Specializing in Human Computer Interaction (HCI) and Social Computing (SC). Solid background in web, software development and embedded systems and experience with industry and academic research, usability methods, product design and development. Strong initiative, great team and leadership skills, excellent communication skills.
<b>Education</b>	<b>MSI in Human Computer Interaction &amp; Social Computing</b> , School of Information, University of Michigan, Ann Arbor May 2008 <b>BE (BS) in Computer Engineering</b> , University of Mumbai May 2004
<b>Course Work</b>	<b>Evaluation of Systems and Services</b> Winter 2007 <ul style="list-style-type: none"><li>Evaluation of the functionality and usability of interfaces – mobile, web, virtual</li><li>Methods involve GTN, flow mapping, surveys, user-testing, heuristics, comparative analyses</li></ul> <b>Reputation Systems</b> Winter 2007 <ul style="list-style-type: none"><li>Study online reputation systems of ebay, amazon etc.</li><li>Research on reputation systems and effect on transactions in Second Life</li></ul> <b>Computer Supported Cooperative Work (CSCW)</b> Fall 2006 <ul style="list-style-type: none"><li>Study past, current and future technologies that support collaboration and cooperative work.</li><li>Ethnographic study and comparative evaluation of meeting processes in different Universities</li></ul> <b>Other Courses:</b> Social Systems and Collections, Use of Information, Digital Government, Search & Retrieval
<b>Work Experience</b>	<b>IBM Research, Cambridge, MA</b> May 2007 – August 2007 <b>Research Intern</b> <ul style="list-style-type: none"><li>Working with Collaborative User Experience group on the <a href="http://www.Many-Eyes.com">http://www.Many-Eyes.com</a> project</li><li>Added support live and external data, secured APIs and collaboration around versioned data</li></ul> <b>University of Michigan, Ann Arbor, MI</b> January 2007 – April 2007 <b>Research Assistant</b> <ul style="list-style-type: none"><li>Work with Dr. Gary Olson &amp; Dr. Judy Olson on Theory of Remote Scientific Collaboration</li><li>Prototyping a web-based expert system for predicting the success of a yet-to-form collaboration</li></ul> <b>NetAid (now Mercy Corps), New York City, NY</b> 26 <sup>th</sup> February – 2 <sup>nd</sup> March, 2007 <ul style="list-style-type: none"><li>Researched on non-profit involvement in the virtual world of Second Life</li><li>Provided recommendations on how NetAid can get involved in Second Life and Teen Second Life</li></ul> <b>Amdocs Development Centre, Pune, India</b> September 2004 - July 2006 <b>Product Researcher and Software Developer</b> <ul style="list-style-type: none"><li>Worked in development cycle of two major software versions of Amdocs 7 Customer Manager</li><li>Designed software requirements based on requested enhancements and integration implications</li><li>Introduced tools like wikis to development cycle for better quality documentation and collaboration</li></ul> <b>Indian Institute of Technology, Mumbai, India</b> May 2003 - March 2004 <b>Hardware Engineer</b> <ul style="list-style-type: none"><li>Developed a Real Time Operating System for 8051 architecture</li><li>Featured multi-tasking, scheduling and resource sharing</li><li>Developed an autonomous robot – a micromouse</li></ul> <b>Other Projects</b> <ul style="list-style-type: none"><li><b>!alone</b> – Developing an interaction interface at U of Michigan bus-stops for collaborative gaming</li><li><b>Mhss.edu</b> – Responsible for end-to-end development of Content Management System for college</li><li><b>Pariivartan.org</b> – Developed a collaboration and knowledge sharing interface for a distributed group</li><li><b>Lottodoctor.com</b> – developed a web-based system for dynamic update of lottery results for members</li><li><b>fileONE.net</b> – Self-owned web-hosting and domain registration company</li></ul>
<b>Skills</b>	<ul style="list-style-type: none"><li><b>Programming</b> - Java/J2EE, C/C++, PHP, MySQL, Oracle, Perl, Assembly Level XHTML, XML, CSS, Agile and Test-based development</li><li><b>Web &amp; UI</b> - JavaScript, Yahoo UI, Prototype, script.aculo.us, Flash, ActionScript, Log Analysis</li><li><b>Embedded &amp; Electronics</b> - Microprocessor design, Circuit &amp; PCB design, Coding &amp; Debugging, RTOS, sensors, servos, filters</li><li><b>Graphics, Media etc-</b> Adobe Photoshop, POVRay, Corel Draw, MS Office</li><li><b>Usability Methods</b> - Heuristic Evaluation, Comparative Evaluation, Personas and Scenarios, Rapid Contextual Design, Cognitive Walkthrough, Prototyping, User Testing</li></ul>
<b>Awards, Distinctions, Activities</b>	<ul style="list-style-type: none"><li>Awarded overall best student of college</li><li>IEEE member for 7 years</li><li>Head of Internet Society</li><li>Chair of Science Club</li><li>99<sup>th</sup> percentile in National Physics Olympiad</li><li>President of University of Michigan School of Information Students Association</li><li>Vice Chair of IEEE Student branch</li><li>Founder member of Pariivartan – a non-profit</li><li>Organized several college festivals including IEEE 360 Degrees '00, '01, '02, '03</li></ul>

