

# Srikanth K. Agaram

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WORK EXPERIENCE	<p><i>User Interface Designer Manager, Collisse Group Ltd.</i> Dec '08—present</p> <p>Designed and helped build a competitive social network.</p> <ul style="list-style-type: none"><li>• Just-in-time authentication using AJAX.</li><li>• Conditional flows to guide the user through complex tasks</li><li>• Visual design elements with both vector and raster graphics</li><li>• User survey interface and metrics.</li><li>• User interface testing framework using Selenium.</li></ul>
	<p><i>User Interface Intern, Tagged Inc.</i> Sep '07—Dec '07</p> <p>Designed and implemented a new system for user profile personalization for a social network, streamlining the user interactions.</p>
EDUCATION	<p>M.S., Information and Computer Science May 2005 University of California Irvine</p> <p>Bachelor of Technology (Hons), Electrical Engineering May 2002 Indian Institute of Technology, Kharagpur</p>
RESEARCH AND DEVELOPMENT	<p><i>Research Assistant, CS Dept, UCI</i> Jul '05—Dec '08</p> <p>Ph.D. level research: Event centric organization of multimedia data to provide a uniform index into real world data.</p> <ul style="list-style-type: none"><li>• Developed an event centric direct manipulation user interface for the EC-ASSIST project funded by DARPA. The application allows the search and presentation of multimedia and sensor data collected on military patrols.</li><li>• Designed a generic model for events and event types that can be used across multiple applications.</li><li>• Developed and extended an event database system to store and search multimedia events.</li><li>• Designed and developed an event centric multimedia management cycle and its web based implementation.</li></ul> <p><i>Research Consultant, CS Dept, IIT Kharagpur</i> Jul '02—Jul'03</p> <p>Led a project titled “Adaptive Content Management” to provide school students with content based on their interests and skills.</p> <ul style="list-style-type: none"><li>• Designed an ontological model to represent subject specific concepts and their relationships.</li><li>• Developed a web based application to allow multiple teachers to enter new concepts into the knowledge base independantly.</li></ul> <p><i>Summer Intern, Intergraph Systems</i> May '01—Jun '01</p> <p>Developed a client-server tool to distribute the compilation process onto multiple machines, reducing the build times from 8 hours to 1 hour.</p>
PATENT APPLICATION	<p><i>US 2009/0319472 A1</i> Apr 2008</p> <p>Event Based Organization and Access of Digital Photos</p>

PUBLICATIONS     *SPIE's 20th Annual Symposium Electronic Imaging Science and Technology*     Jan 2008  
Event-Centric Media Management  
*ACM Multimedia*     Oct 2006  
Event-Centric Multimedia Data Management for Reconnaissance Mission Analysis and Reporting  
*AAAI Workshop on Event Extraction and Synthesis*     Jul 2006  
Event Discovery in Multimedia Reconnaissance Data Using Spatio-Temporal Clustering

TOOLS AND EXPERIENCE     Ruby on Rails : 5 years experience in web application development.  
C/C++ : 10 years experience in multiple codebases.  
Java : 7 years experience especially in interface and web application development.  
XML : 5 years experience in knowledge representation and organization.  
Unix shell scripting: 12 years as informal guru of local research group.

ACADEMIC AWARDS     Some notable awards that I have received.

- Recipient of the MCM Scholarship at IIT Kharagpur
- State Highest in mathematics in the All India A.I.S.S.E. examination conducted by C.B.S.E.
- First prize in Science and Mathematics for achieving the school highest marks in A.I.S.S.E. 1996.
- First prize in Computer Science for achieving the school highest marks in A.I.S.S.C.E. 1998.