

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">• Just-in-time authentication using AJAX.• Conditional flows to guide the user through complex tasks• Visual design elements with both vector and raster graphics• User survey interface and metrics.• User interface testing framework using Selenium.
	<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">• 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.• Designed a generic model for events and event types that can be used across multiple applications.• Developed and extended an event database system to store and search multimedia events.• Designed and developed an event centric multimedia management cycle and its web based implementation. <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">• Designed an ontological model to represent subject specific concepts and their relationships.• Developed a web based application to allow multiple teachers to enter new concepts into the knowledge base independantly. <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.