

Arjun Satish

CONTACT INFORMATION	Department of Information and Computer Sciences University of California, Irvine 6210 Donald Bren Hall Irvine, CA, USA 92697 USA	twitter: @wicknicks e-mail: arjun@uci.edu http://www.ics.uci.edu/ arjun
OBJECTIVE		
RESEARCH INTERESTS	Building Systems in Information Management and Retrieval, Multimedia Retrieval, Event-Based Data Modelling, Computational Storytelling, Context Based Multimedia System.	
EDUCATION	Ph.D. (Ongoing) , December 2012 (Expected Graduation Date) University of California, Irvine , Irvine, California, USA, Computer Science <ul style="list-style-type: none">• Thesis: <i>CueNet: A Context Discovery Engine for Personal Photos</i>• Advisors: Prof. Ramesh Jain, Dr. Amarnath Gupta• Area of Study: Computer Science M.S. in Computer Science , December 2011 University of California, Irvine , Irvine, California, USA B.E. (Bachelor of Engineering) , June 2006 Sir M Visvesvaraya Institute of Technology , Bangalore, Karnataka, India <ul style="list-style-type: none">• Area of Study: Electronics and Communication Engineering.	
AWARDS	HITEC OCTANe Student Competition 2008 <ul style="list-style-type: none">• Third prize in Hitec Student Entrepreneurship competition organized at UCI. Regional Mathematical Olympiad 2001 <ul style="list-style-type: none">• Selected into Regional Mathematical Olympiad for State Level Competition organized at Bangalore, India.	
TECHNICAL EXPERTISE	Programming Experience: Java, JavaScript/C, Python, C++, Ruby, HTML, L ^A T _E X, Matlab. Server Technologies: Node.js, Redis, Apache Tomcat, JBoss, Mongrel, Amazon EC2.	
PUBLICATIONS	Satish, A., Jain, R., and Gupta, A. Tolkien: An Event Based Storytelling System. <i>PVLDB</i> . 2009. Vaisenberg, R., Satish, A., Mogensen, K. A., Jain, R., and Mehrotra, S: A new approach for adding browser functionality. <i>Hypertext</i> . 2008.	

PROFESSIONAL
EXPERIENCE

Microsoft Research, Mountain View, CA

Research Intern

June 2010 to September 2010

- Developed storytelling tool for creating historical stories.
- Mentors: Gordon Bell, Jim Gemmell

Sasken Communication Technologies, Bangalore, Karnataka India

Software Engineer

June 2006 to June 2007

- Developed email client for mobile platform over GPRS networks.
- Maintained SMS software for the mobile phone.

RESEARCH
PROJECTS

CueNet: CueNet is a context discovery engine for personal photographs. CueNet uses information about a photograph (EXIF tags) and the owner of the photograph (social network, phone, email contacts) to algorithmically *discover* a list of possible people present in the photograph. As this list grows, we use state-of-the-art image matching techniques to verify which of these candidates are present in the photo. Finally, the photograph is presented to the user with the best verified face tags.

Emme: Experiential Media Management Environment, Emme is an event based media organization and visualization system. I am responsible for designing and implementing all parts of the system. The system also involved building a database for events and an extensible processing engine which would support basic CRUD operations, and at the same time allowing different modules to be seamlessly plugged in to do more complicated tasks like Summarization, Storytelling and Concept Detection.

Tolkien: Storytelling in Emme, Tolkien involves organizing media using thematic principles rather than contemporary predicate based selection. We are experimenting with different ideas to understand what a Story would mean in a personal context, and how best one can tell a personal story starting with their media items.

PERSONAL
ACTIVITIES

I enjoy reading books, taking pictures, travelling, listening to music, interacting with different cultures.

REFERENCES

Available upon request