

# Mohit Gupta

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<http://mohit.name>

## Education

**Master of Information Management and Systems.** May 2010

**Haas Management of Technology Certificate**

School of Information, University of California, Berkeley

GPA 3.642

Selected Courses:

- Computer-mediated Communication
- Qualitative Research Methods
- Managing Innovation and Change
- Cellphones as a Computing Platform
- ICTs for Development
- New Product Development

**Bachelors of Technology in Information and Communication Technology** June 2007

Dhirubhai Ambani Institute of ICT, India

GPA: 7.34 / 10

Selected Courses:

- Introduction to Design
- Introduction to Anthropology
- Digital Circuits and Processors
- Distributed Computing
- Embedded and Sensor Networks

## Skills

*Data Privacy and Policy* definition for managing the collection and aggregation of user data. Database and API policies for access of sensitive data.

*Exploratory qualitative research* with the visually disabled, for games and learning and mobile technologies in public spaces.

*Location based platforms* on the web and mobile devices. API design and technology architecture.

*Mobile services design*, new product development process, technology transfer between research and product groups.

### Development:

Familiar with Python, Java C/C++, C#, JavaScript, and PHP. Faceted browsing, feeds, REST and SOAP web services design. NOSQL database modeling and cache support in Redis, Riak, MongoDB etc.

Embedded systems design and development. Wi-Fi, bluetooth and other device interfaces. Familiar with the *Windows, Mac, Unix* filesystem, device model and shell.

Maya, Adobe Photoshop, Adobe Premier, OmniGraffle and Macromedia Flash.

### Teaching:

Graduate Student Instructor for Effects of Mass Media at the Media Studies Department, UC Berkeley, Fall 2008

## Work Experience

**The Sparkle Platform** (<http://www.locationlabs.com>)

at **Location Labs.** *Senior Platform Engineer*, October 2010 - present.

Part of the core server team building a scalable, privacy aware system that allows for remote controls and insights of mobile phone use. Focus on monitoring, analytics, scalability and privacy. Supported integration of new teams from India.

**Microsoft Research Digital Narratives** (<http://digitalnarratives.net>)

at **Collabera.** *Consulting as an Information Architect*, October 2010 - January 2011.

Worked with Dr. Gordon Bell and Joseph M. Joy at Microsoft Research and the Computer History Museum to document and develop an interactive storytelling project about the Difference Engine by Charles Babbage.

**The Terms of Service Tracker Project at EFF** (<http://tosback.org>)

at **Electronic Frontier Foundation.** *Technology Intern*, July 2010 - September 2010

Design and development to track changes in privacy policies of major web properties.

**Open Source Toolkit for Cultural Heritage Organizations**

at **School of Information, UC Berkeley.** *Graduate Student Researcher*, June 2009 - August 2009.

**Programming Models to Support Context Aware Mobile Applications**

at **DOCOMO Research Lab, Palo Alto.** *Research Intern*, June 2009 - August 2009.

**Collaboration Framework for Large Scale Data Collection** (<http://bit.ly/aPjbn>)

at **Microsoft Research India.** *Research Software Developer*, August 2007 - July 2008.

**Geographic Narratives: Community Storytelling through Online Maps**

at **Microsoft Research India.** *Research Intern*, January - August 2007.

Worked as part of a team to design and develop online and mobile map experiences for sharing user created geographic stories. Was selected as one of two interns at the *Bill Gates Intern Dinner* in 2007.

## Research Projects

**Privacy Patterns: Practical Privacy by Design** (<http://privacypatterns.org>)

**Supported by industry and the government.** started June 2011.

**The Meaningful Location Project** (<http://bit.ly/cX3Ntd>)

**Prof Deirdre Mulligan, UC Berkeley.** Masters Thesis Project, started Jan 2009.

**Design of Auditory Interfaces for the Visually Impaired**

**DA-IICT.** Won Imagine Cup, India 2007. Was one of the top 12 projects worldwide.

## Publications and Patents

**Sonic Grid: An Auditory Interface for the Visually Impaired to Navigate GUI-based Environments.**

2008 International Conference On Intelligent User Interfaces, Canary Islands, Spain

**Modeling an Experience Management Framework for Innovation in Post-Harvest Resource Management.**

2006 IEEE International Conference On Management Of Innovation And Technology

**US Patent 20090319608: Automated Task Centered Collaboration**

**US Patent 20100075697: WiFi and GSM Landmarks and Neighborhoods for Location Based Services**