

MEGH MARATHE

School of Information
University of Michigan

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EDUCATION

University of Michigan 2015—present

Ph.D., Information, with Certificate in Science, Technology & Society

Advisor: Kentaro Toyama

GPA: 4.0/4.0

University of Toronto 2007—2009

M.S., Computer Science

Advisor: Graeme Hirst

CGPA: 3.92/4.0

University of Mumbai 2002—2007

B.E., Computer Engineering

GPA: 82.5% (*summa cum laude*)

PEER-REVIEWED PUBLICATIONS

1. **M. Marathe**, and Kentaro Toyama. Semi-Automated Coding for Qualitative Research: A User-Centered Inquiry and Initial Prototypes. In *Proc. of the 36th Annual Conference on Human Factors in Computing Systems (CHI)*, 2018. **Best Paper Award**.
2. **M. Marathe**, Jacki O’Neill, Paromita Pain, and William Thies. ICT-Enabled Grievance Redressal in Central India: A Comparative Analysis. In *Proc. of the Eighth International Conference on Information and Communication Technologies and Development (ICTD)*, 2016.
3. **M. Marathe**, Priyank Chandra, Vaishnav Kameswaran, Tsuyoshi Kano, and Syed Ishtiaque Ahmed. In Search of Missing Pieces: Re-examining Trends in ICTD Research. ICTD, 2016.
4. **M. Marathe**, Jacki O’Neill, Paromita Pain, and William Thies. Revisiting CGNet Swara and its Impact in Rural India. In *Proc. of the Seventh International Conference on Information and Communication Technologies and Development (ICTD)*, 2015.
5. **M. Marathe**, and Graeme Hirst. Lexical Chains using Distributional Measures of Concept Distance. In *Computational Linguistics and Intelligent Text Processing*, 2010.

CONFERENCE AND WORKSHOP PRESENTATIONS

1. **M. Marathe**. On the Social Temporality of Epileptic Seizures. Paper presented at the *Canadian Disability Studies Association Annual Conference*, 2018.
2. **M. Marathe**. Theorizing Time during the Epileptic Seizure. Paper presented at the *1st Temporal Belongings International Conference*, 2018.

3. **M. Marathe**. Examining the Persistence of Paper in Electronic Grievance Redress in Madhya Pradesh. Paper presented at the *46th Annual Conference on South Asia*, 2017.
4. Purva Yardi, **M. Marathe**, and Kentaro Toyama. Differences in STEM Gender Disparity between India and the United States. In *Symposium for HCI Across Borders*, Conference on Human Factors in Computing Systems (CHI), 2017.
5. **M. Marathe**. Using Natural Language Processing to Analyze Qualitative Data. In *ACM Student Research Competition*, Grace Hopper Celebration of Women in Computing, 2017.
6. Vaishnav Kameswaran, **M. Marathe**, Tawanna Dillahunt, Joyojeet Pal, Katharina Reinecke, and Kentaro Toyama. Project Boost: Addressing the "Socio" in a Socio-Technical System to Improve Income-Earning Opportunities in Urban America. In *Development Consortium: HCI4D Across Borders*, Conference on Human Factors in Computing Systems (CHI), 2016.
7. Jacki O'Neill, **M. Marathe**, and Syed Ishtiaque Ahmed. Reframing ICTD: A more realistic and reflexive approach to research. In *Researching for Change in a Globalising Asymmetric World*, a workshop at the Critical Alternatives Conference in Aarhus, 2015.
8. Krittika D'Silva, **M. Marathe**, Aditya Vashistha, Gaetano Borriello, and William Thies. A Mobile Application for Interactive Voice Forums: Design and Pilot Deployment in Rural India. In *Poster Session, Annual Symposium on Computing for Development (ACM DEV)*, 2014.

AWARDS

Rackham Public Scholarship Grant (\$8000), U-M Program in Public Scholarship	2019
Best Paper Award (top 1% of papers), CHI conference on Human Factors in Computing	2018
Scholar, Computing Research Association URMD Graduate Workshop	2018
PhD Travel Grant, U-M School of Information	2017, 2018
Conference Travel Grant, U-M International Institute	2017, 2018
GHC Scholarship for Women in Computing, Anita Borg Institute	2016
Scholar, CRA-W Graduate Workshop	2016
Silver medal in Computer Engineering at the University of Mumbai	2007

PROFESSIONAL EXPERIENCE

Microsoft Research India, Technologies for Emerging Markets Group

Research Fellow

Jun. 2014—Jul. 2015

Conducted mixed methods research on grievance redress in two e-governance initiatives in central India and made best practices recommendations for policymakers. I collected and analyzed qualitative (interviews, fieldwork) and quantitative data, and published the results in a top-tier venue.

Aurality Technologies

Senior Software Engineer & Technical Lead

May 2012—May 2014

Led the technical effort for Giftery, a social gifting platform: users could send gift cards for curated local experiences and invite friends to chip in. Giftery was acquired in June 2014.

Germinait Solutions

Software Engineer

Jul. 2010—May 2012

Redesigned text analytics modules for significantly higher throughput and efficiency. Built a named entity recognizer that identifies and classifies entities into places, organizations, and persons; and identifies the specific entity. Improved the efficiency and reliability of the module consuming Twitter's Streaming API. Designed a module to measure the influence of Facebook and Twitter users.

Oracle Financial Services Software, Retail Banking

Associate Consultant

Oct. 2009—Jun. 2010

Designed and built the central knowledge base for all price- and rate-related information in Oracle's retail banking product. Designed modules to recommend and create bank accounts and promotions.

Research in Motion

Software Developer Intern

Summer 2008

Added spell-check and predictive input support for non-standard languages on full- and reduced-keyboard Blackberry devices. Verifying correctness was tricky because in written Arabic, for instance, the symbol used to represent a character changes according to neighbouring characters.

INVITED TALKS

1. Revisiting CGNet Swara and its Impact in Rural India
Microsoft Research India May 2015
2. Voice-Based Citizen Journalism in the Developing World
United Nations Democracy Fund (UNDEF), New York Dec 2014

TEACHING EXPERIENCE

Programming I, II, III

Graduate Student Instructor, University of Michigan

Winter 2017, Fall 2017, Fall 2018

Contextual Inquiry and Consulting Foundations

Graduate Student Instructor, University of Michigan

Fall 2016

Introduction to Databases

Teaching Assistant, University of Toronto

Winter 2008, Fall 2008, Winter 2009

Mathematical Expression and Reasoning for Computer Science

Teaching Assistant, University of Toronto

Fall 2007

ACADEMIC AND PROFESSIONAL SERVICE

- Steering Committee*, Science, Technology & Society (STS) program, U. Michigan 2018–present
- Reviewer*, Annual meeting of the Society for Disability Studies 2019–present
- Paper reviewer*, CHI Conference on Human Factors in Computing 2016–present
- Paper reviewer*, ICTD 2016–present
- Co-organizer*, Annual mini-conference of the STS Program, U. Michigan 2019
- Registration Chair*, Information and Communication Technologies and Development (ICTD) 2019
- Officer*, OutFormation, queer student organization, U-M School of Information 2017–present
- Elected Officer*, Doctoral Student Executive Committee, U-M School of Information 2015-2017