

# Neha Kumar

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## EDUCATION

### University of California, Berkeley

Ph.D. in School of Information (2008-2013)

Specialization: Human-Computer Interaction and Global Development

Advisor: Dr. Tapan Parikh

### Stanford University

M.A. in Learning, Design, and Technology (2007-2008)

Specialization: Design of Mobile Technologies for Learning

Advisor: Dr. Roy Pea

### Stanford University

M.S. in Computer Science (2003-2005)

Specialization: Theory, Networking Algorithms

Advisor: Dr. Balaji Prabhakar

### University of California, Berkeley

B.A. in Computer Science (1998-2002)

A.B. in Applied Mathematics (1998-2002)

Specialization: Theory, Statistics

## EXPERIENCE

### Georgia Institute of Technology

Assistant Professor (2015- )

Sam Nunn School of International Affairs &

School of Interactive Computing

### Inspirit Consulting

Co-Founder & Lead Advisor (2017- )

### University of Southern California

Postdoctoral Researcher (2014-2015)

Annenberg School of Communication

### University of Washington

Postdoctoral Researcher (2013-2014)

Computer Science & Engineering

### University of California, Berkeley

Graduate Research Assistant (2008-2013)

School of Information

## Facebook

Research Intern (2012)

Audience Insights

## Microsoft Research, Bangalore (India)

Research Intern (2011)

Technology for Emerging Markets

## PEER-REVIEWED PUBLICATIONS

1. Marisol Wong-Villacres, Cristina Velasquez, and **Neha Kumar**. 2018. Social Media for Earthquake Response: Unpacking its Limitations with Care. 2018. *PACM: Human-Computer Interaction: Computer-Supported Cooperative Work and Social Computing (CSCW)*. Vol. 1: No 2. *Forthcoming*.
2. Naveena Karusala, Aditya Vishwanath, Arkadeep Kumar, Aman Mangal, and **Neha Kumar**. 2018. Care as a Resource for Underserved Learning Environments. 2018. *PACM: Human-Computer Interaction: Computer-Supported Cooperative Work and Social Computing (CSCW)*. Vol. 1: No 2. *Forthcoming*.
3. **Neha Kumar**. "Is Twitter meant for celebrities only?" A Qualitative Study of Twitter Use in India. *Abigail De Kosnik & Keith Feldman (eds.), #identity: Hashtagging Race, Gender, Sex, and Nation*. University of Michigan Press. *Forthcoming*.
4. Naveena Karusala, Trevor Perrier, and **Neha Kumar**. #ifabricawasabar: Participation on Twitter across African Borders. *Abigail De Kosnik & Keith Feldman (eds.), #identity: Hashtagging Race, Gender, Sex, and Nation*. University of Michigan Press. *Forthcoming*.
5. Jasmine Hentschel, Syed Ishtiaque Ahmed, Faheem Hussain, Nova Ahmed, and **Neha Kumar**. 2017. Working with Women in ICTD. *Proceedings of the Ninth International Conference on Information and Communication Technologies and Development (ICTD '17)*. *Forthcoming*.
6. **Neha Kumar**, Naveena Karusala, Aaditeshwar Seth, and Biswajit Patra. 2017. Usability, Tested? *Interactions*, 27(4).
7. Aditya Vishwanath, Matthew Kam, and **Neha Kumar**. 2017. Examining Low-Cost Virtual Reality for Low-Resource Learning Environments. *Proceedings of the 2017 ACM Conference on Designing Interactive Systems (DIS '17)*. ACM, New York, NY, USA.
8. Aditya Vashistha, **Neha Kumar**, Anil Mishra, and Richard Anderson. 2017. Examining Localization Approaches for Community Health. *Proceedings of the 2017 ACM Conference on Designing Interactive Systems (DIS '17)*. ACM, New York, NY, USA.
9. **Neha Kumar** and Susan Dray. 2017. Crossing Borders, Building Bridges. *Interactions*, 27(3).
10. Michaelanne Dye, David Nemer, Laura Pina, Nithya Sambasivan, Amy Bruckman, and **Neha Kumar**. Locating the Internet in the Parks of Havana. *Proceedings of the 2017 ACM Conference on Human Factors in Computing Systems (CHI '17)*. ACM, New York, NY, USA. **Best Paper Honorable Mention**.
11. Piya Sorcar, Ben Strauber, Prashant Loyalka, **Neha Kumar**, and Shelley Goldman. Sidestepping the Elephant in the Classroom: Using Culturally Appropriate Software To Teach Around Taboos. *Proceedings of the 2017 ACM Conference on Human Factors in Computing Systems (CHI '17)*. ACM, New York, NY, USA. **Best Paper Honorable Mention**.
12. Naveena Karusala and **Neha Kumar**. Women's Safety in Public Spaces: Examining the Efficacy of Panic Buttons in New Delhi. *Proceedings of the 2017 ACM Conference on Human Factors in Computing Systems (CHI '17)*. ACM, New York, NY, USA.

13. Rui Zhou, Jasmine Hentschel, and **Neha Kumar**. Goodbye Text, Hello Emoji: Mobile Communication on WeChat in China. *Proceedings of the 2017 ACM Conference on Human Factors in Computing Systems (CHI '17)*. ACM, New York, NY, USA.
14. Jasmine Hentschel, Samyukta Sherugar, Rui Zhou, Vaishnav Kameswaran, Rajesh Chandwani, and **Neha Kumar**. Rice Today, Roti Tomorrow: Diets and Diabetes in Urban Indian Households. *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems (CHI '17)*. ACM, New York, NY, USA.
15. Mehrab Bin Morshed, Michaelanne Dye, Syed Ishtiaque Ahmed, and **Neha Kumar**. 2017. When the Internet Goes Down in Bangladesh. *Proceedings of the 2017 ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW '17)*. ACM, New York, NY, USA.
16. Syed Ishtiaque Ahmed, Nova Ahmed, Faheem Hussain, and **Neha Kumar**. 2016. Computing Beyond Gender-Imposed Limits. *Proceedings of the Second Workshop on Computing within Limits (LIMITS '16)*. ACM, New York, NY, USA.
17. Aditya Vashistha, **Neha Kumar**, Anil Mishra, and Richard Anderson. 2016. Mobile Video Dissemination for Community Health. *Proceedings of the Eighth International Conference on Information and Communication Technologies and Development (ICTD '16)*. ACM, New York, NY, USA.
18. **Neha Kumar**, Rajesh Chandwani, and Naveena Karusala. 2016. Addressing Patient Waiting Times in Low-Resource Environments. *Proceedings of the Eighth International Conference on Information and Communication Technologies and Development (ICTD '16)*. ACM, New York, NY, USA.
19. Nicola Dell and **Neha Kumar**. 2016. The Ins and Outs of HCI for Development. *Proceedings of the 2016 ACM Conference on Human Factors in Computing Systems (CHI '16)*. ACM, New York, NY, USA. **Best Paper Honorable Mention**.
20. **Neha Kumar**. 2016. Interviewing Against the Odds. *Sebastian Kubitschko & Anne Kaun (eds.), Innovative Methods in Media and Communication Research*. London: Palgrave Macmillan.
21. **Neha Kumar**, Waylon Brunette, Nicola Dell, Trevor Perrier, Beth Kolko, Gaetano Borriello, and Richard Anderson. 2015. Understanding Sociotechnical Implications of Mobile Health Deployments in India, Kenya, and Zimbabwe. *Information Technologies & International Development*, 11(4).
22. **Neha Kumar**. 2015. Gender Divide or Perceptions of Non-Use? *First Monday*, 20(11).
23. **Neha Kumar** and Richard J. Anderson. 2015. Mobile Phones for Maternal Health in Rural India. *Proceedings of the 2015 ACM Conference on Human Factors in Computing Systems (CHI '15)*. ACM, New York, NY, USA.
24. **Neha Kumar**, Trevor Perrier, Michelle Desmond, Kiersten Israel-Ballard, Vikrant Kumar, Sudip Mahapatra, Anil Mishra, Shreya Agarwal, Rikin Gandhi, Pallavi Lal, and Richard Anderson. 2015. Projecting Health: Community-Led Video Education for Maternal Health. *Proceedings of the Seventh International Conference on Information and Communication Technologies and Development (ICTD '15)*. ACM, New York, NY, USA.
25. Nicola Dell, Trevor Perrier, **Neha Kumar**, Mitchell Lee, Rachel Powers, and Gaetano Borriello. 2015. Paper-Digital Workflows in Global Development Organizations. *Proceedings of the 2015 ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW '15)*. ACM, New York, NY, USA.
26. **Neha Kumar**. 2014. Facebook for Self-Empowerment? A Study of Facebook Adoption in India. *New Media & Society*, 16(7).

27. **Neha Kumar**, Akhil Mathur, and Siddhartha Lal. 2013. Banking 101: Mobile-izing Financial Inclusion in an Emerging India. *Bell Labs Technical Journal*, 17(4).
28. **Neha Kumar** and Tapan Parikh. 2013. Mobiles, Music, and Materiality. *Proceedings of the 2013 ACM Conference on Human Factors in Computing Systems (CHI '13)*. ACM, New York, NY, USA.
29. **Neha Kumar** and Nimmi Rangaswamy. 2013. The Mobile Media Actor-Network in Urban India. *Proceedings of the 2013 ACM Conference on Human Factors in Computing Systems (CHI '13)*. ACM, New York, NY.
30. **Neha Kumar**, Gopal S. Chouhan, and Tapan Parikh. 2011. Folk Music Goes Digital in India. *Proceedings of the 2011 ACM Conference on Human Factors in Computing Systems (CHI '11)*. ACM, New York, NY.
31. Shubha Nabar, **Neha Kumar**, Mohsen Bayati and Abtin Keshavarzian. 2005. Achieving Stability in Networks of Input-Queued Switches Using a Local Online Scheduling Policy. *Proceedings of the IEEE Conference on Global Telecommunications (GLOBECOM '05)*. IEEE.
32. **Neha Kumar**, Rong Pan, and Devavrat Shah. 2004. Fair Scheduling in Input-Queued Switches Under Inadmissible Traffic. *Proceedings of the IEEE Conference on Global Telecommunications (GLOBECOM '04)*. IEEE.

#### PEER-REVIEWED WORKSHOPS, POSTERS, & ABSTRACTS

1. Marisol Wong-Villacres, **Neha Kumar**, and Betsy DiSalvo. 2017. ICT for an Inclusive Ecology of Parental Engagement: An Assets-Based Approach. Workshop Paper. IDC 2017.
2. Jofish Kaye, Casey Fiesler, **Neha Kumar**, and Bryan Semaan. 2017. Policy Impacts on the HCI Research Community. *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems*. ACM.
3. Michaelanne Dye, Amy Bruckman, and **Neha Kumar**. 2017. Social Computing & Development. Symposium Paper. CHI 2017.
4. Marisol Wong-Villacres, Betsy DiSalvo, and **Neha Kumar**. 2017. Designing Technologies for Non-Dominant Communities to Cross Social-Cultural Borders. Symposium Paper. CHI 2017.
5. Mehrab Bin Morshed, Jay Chen, and **Neha Kumar**. 2017. A Tale of Two (Smart) Cities: Atlanta (USA) and Cox's Bazar (Bangladesh). Symposium Paper. CHI 2017.
6. Aditya Vishwanath and **Neha Kumar**. 2017. Virtual Reality for Many Kinds of Learning. Symposium Paper. CHI 2017.
7. Samyukta Sherugar, Rajesh Chandwani, and **Neha Kumar**. 2017. Crossing Disciplinary Borders to Address Challenges of HIV Outreach. Symposium Paper. CHI 2017.
8. Azra Ismail, Naveena Karusala, and **Neha Kumar**. 2017. Designing for Use and Non-Use: The Case of Neighborhood Clinics. Symposium Paper. CHI 2017.
9. Naveena Karusala, Trevor Perrier, and **Neha Kumar**. 2017. Twitter as an Across Border Social Media Platform: Who is Participating?. Symposium Paper. CHI 2017.

10. **Neha Kumar**, Susan Dray, Christian Sturm, Nithya Sambasivan, Laura S. Gaytan Lugo, Leonel Morales, Negin Dahya, and Nova Ahmed. 2017. Symposium 2017: HCI Across Borders. *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems*. ACM.
11. Naveena Karusala, Michael Muller, and **Neha Kumar**. 2017. Taking a Feminist Approach to Feminist Futures. Workshop Paper. CSCW 2017.
12. **Neha Kumar**, Syed Ishtiaque Ahmed, Nova Ahmed, Faheem Hussain, and Aditi Dhar. 2016. Targeting Sustainable Development Goal #5 Towards Gender Equality. Open Session. ICTD 2016.
13. Rui Zhou, Jasmine Hentschel, and **Neha Kumar**. 2016. Agricultural Knowledge Management in Rural China: Learning from Existing Approaches in India. Development Consortium. CHI 2016.
14. Mehrab Bin Morshed and **Neha Kumar**. 2016. Zero-Rating Plans Across Borders. Development Consortium. CHI 2016.
15. Aditya Vishwanath, Arkadeep Kumar, and **Neha Kumar**. 2016. Online Learning Across Diverse Low-Resource Indian Contexts. Development Consortium. CHI 2016.
16. Aditya Vishwanath, Arkadeep Kumar, and **Neha Kumar**. 2016. Learning about Teaching in Low-Resource Indian Contexts. *Proceedings of the Third Conference on Learning @ Scale (L@S '16)*. ACM. Work in Progress.
17. **Neha Kumar**, Susan Dray, Andy Dearden, Nicola Dell, Melissa Densmore, Rebecca E. Grinter, Zhengjie Liu, Mario A Moreno Rocha, Anicia Peters, Eunice Sari, William Thies, Indrani Medhi Thies, William D. Tucker, Elba Valderrama Bahamondez, and Susan Wyche. 2016. Development Consortium 2016: HCI4D Across Borders. *Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems*. ACM.
18. Aditya Vishwanath and **Neha Kumar**. 2015. Designing for a Rural Online Learning Community. *Proceedings of the ACM Symposium on Computing for Deveopment*. DEV 2015.
19. **Neha Kumar**. 2015. Balancing the Local and Global. Participatory Progress on the Digital Divide Conference. Phoenix, AZ. October, 2015.
20. **Neha Kumar** and Nicola Dell. 2015. Being Gender-Aware in ICTD Research. ICTD 2015.
21. Brady Robards, Sian Lincoln, **Neha Kumar**, Alice Marwick, and Ben Light. 10 Years of Facebook. Association of Internet Researchers. Daegu, Korea. October, 2014.
22. **Neha Kumar**. 2014. The Mobility of Indian Youth. AIIS Dissertation to Book Workshop. Madison South Asia Conference. Madison, Wisconsin. October, 2014.
23. **Neha Kumar** and Tapan Parikh. 2012. Mobile Media and Piracy in India. Association of Social Anthropologists of the UK and Commonwealth. New Delhi, India. April, 2012.
24. **Neha Kumar** and Tapan Parikh. 2010. New Media and Folk Music in Rural India. *Proceedings of the 2010 CHI Conference Extended Abstracts on Human Factors in Computing Systems*. ACM.

## INVITED TALKS & PRESENTATIONS

### Keynotes

- 05/17 *Dispelling Myths, Discovering Pathways, Doing Development*. Partnership in Progress on the Digital Divide.
- 06/01 *Commencement Keynote*. Bonn International School.

### Panels

- 10/17 *Liam's Legacy Symposium: Creating the UN SDGs*. Georgia Tech.
- 10/17 *Gender and Digital Financial Services*. University of Washington.
- 05/17 *Policy Impacts on the HCI Research Community*. CHI 2017.
- 04/17 *Women of Color in Tech*. Agnes Scott College.
- 07/16 *Learning, Design and Technology Alumni Panel*. Stanford University.
- 04/16 *Graduate Women in Computer Science and Engineering*. Georgia Tech.
- 10/08 *Learning, Design and Technology Alumni Panel*. Stanford University.

### Invited Talks

- 11/17 *Don't panic (or maybe just a little): Women's safety in India*. Google.
- 10/17 *Care as a Resource for Underserved Learning Environments*. Change Seminar. University of Washington.
- 12/16 *On Mobile Health: Balancing the Local and Global*. Fuji Xerox Palo Alto Lab.
- 11/15 *Mobiles, Media, and the Agency of Indian Youth*. GVI Brown Bags. Georgia Tech.
- 10/15 *Mobile Technologies and Global Health*. ICT Policy Series. Georgia Tech.
- 07/15 *Assisted Pediatrics for Indian Parents*. Indian Institute of Management, Ahmedabad.
- 06/15 *Assisted Pediatrics for Indian Parents*. CAMTech Jugaad-a-thon. GE Research, Bangalore.
- 06/15 *Projectors and Mobiles for Global Health*. Microsoft Research India.
- 04/15 *Mobiles, Media, and Marginality*. Sam Nunn School of International Affairs. Georgia Tech.
- 04/15 *Projectors and Mobiles for Global Health*. Change Seminar. University of Washington.
- 03/15 *Mobiles, Media, and Marginality*. Human-Centered Design and Engineering. University of Washington.
- 03/15 *Mobiles, Media, and Marginality*. UC Berkeley.
- 02/15 *Mobiles, Media, and Marginality*. ICTD Seminar. UC Berkeley.
- 10/14 *Mobiles, Media, and the Agency of Indian Youth*. Annenberg Research Seminar. USC Annenberg School of Communication.
- 09/14 *Projecting Health 2.0*. Change Seminar. University of Washington.
- 04/14 *Mobiles, Media, and the Agency of Indian Youth*. Change Seminar. University of Washington.
- 04/14 *Mobiles, Media, and the Agency of Indian Youth*. I School Colloquium. UC Berkeley.
- 04/14 *Mobiles, Media, and the Agency of Indian Youth*. UC Berkeley.
- 04/14 *Mobile Technologies and Global Health*. UC San Francisco.

### Guest Lectures

- 11/17 *Getting in and out of the Field*. UC Berkeley.
- 10/17 *Gender and ICTD*. University of Washington.
- 02/17 *HCI for Development & Technologies for Global Health*. UC Berkeley.
- 11/16 *Projecting Health: Balancing the Local and Global*. Georgia Tech.
- 10/16 *Mobile Technologies for Global Health*. Georgia Tech.
- 09/16 *Introduction to Qualitative Research Methods*. Georgia Tech.
- 04/16 *Health: Balancing the Local and Global*. UC Berkeley.

### Conference Presentations

- 06/17 *Examining Low-Cost Virtual Reality for Low-Resource Learning Environments*. DIS 2017.
- 06/17 *Examining Localization Approaches for Community Health*. DIS 2017.

- 05/17 *Imagining Feminist Futures: The Case of the Panic Button*. Partnership in Progress on the Digital Divide 2017.
- 04/17 *inspiritVR: Low-Cost Virtual Reality for Learning*. CEISMC @ Georgia Tech STEAM Leadership Conference 2017.
- 06/16 *Computing Beyond Gender-Based Limits*. LIMITS 2016.
- 05/16 *The Ins and Outs of Human-Computer Interaction for Global Development*. CHI 2016.
- 10/15 *Balancing the Local and Global*. Participatory Progress on Digital Divide 2015.
- 05/15 *Projecting Health: Community-Led Video Education*. ICTD 2015.
- 04/15 *Mobile Phones for Maternal Health in Rural India*. CHI 2015.
- 10/14 *Facebook for Self-Empowerment?* Association of Internet Researchers 2014.
- 10/14 *Mobility and Indian Youth*. Madison South Asia Conference 2014.
- 05/13 *Mobiles, Music, and Materiality*. CHI 2013.
- 05/13 *The Mobile Media Actor-Network in Urban India*. CHI 2013.
- 05/12 *Mobile Media and Piracy in Urban India*. ASA 2012.
- 04/11 *Folk Music goes Digital in India*. CHI 2011.

## TEACHING

### Instructor

CS 8803/INTA 8803: Technology & Poverty: ICTs and International Development  
 Fall 2015, Spring 2016, Spring 2017, and Fall 2017 at Georgia Tech

INTA 4050/6753: ICT & Policy: Human-Centered Design and Cyber-Physical Systems  
 Fall 2017 at Georgia Tech

INTA 4001/ME 4744: Global Development Capstone  
 Spring 2017 and Spring 2018 at Georgia Tech

CS 8001: ICTD Seminar  
 Fall 2016, Spring 2017, and Fall 2017 at Georgia Tech & Fall 2012 at UC Berkeley

CS 6455: Qualitative Research Methods and Design Thinking  
 Fall 2016 at Georgia Tech

INTA 2040: Science, Technology & International Affairs  
 Spring 2016 at Georgia Tech

INFO 181: Technology & Poverty  
 Summer 2012 and Summer 2013 at UC Berkeley

MS&E 75: Brainstorming India  
 Spring 2008 at Stanford University

### Teaching Assistant

CS 160/INFO 213: User Interface Design  
 Spring 2011 and Spring 2013, UC Berkeley

CS 161: Introduction to Algorithms  
 Winter 2005, Winter 2008, and Summer 2008 at Stanford University

CS 154: Introduction to Complexity Theory  
 Spring 2005 and Spring 2008 at Stanford University

CS 157: Introduction to Formal Verification  
 Autumn 2007 at Stanford University

EECS 384: Networking Algorithms  
 Autumn 2004 at Stanford University

CS 61B: Introduction to Data Structures  
 Spring 2002 at UC Berkeley

EECS 150: Introduction to Digital Systems Design  
Spring 2001 and Fall 2001 at UC Berkeley  
CS 3: Introduction to Symbolic Programming  
Summer 2000, Fall 2000, and Fall 2002 at UC Berkeley

## **ADVISING & MENTORSHIP**

### **Doctoral Students**

Michaelanne Dye, Advisor (2016- )  
Marisol Wong-Villacres, Advisor (2016- )  
Mehrab Bin Morshed, Advisor (2016- )  
Rui Zhou, Advisor (2015-2017)  
Olufunke Adebola, Dissertation Committee Member (2016- )  
Amanda Meng, Dissertation Committee Member (2016)  
Kristin Dew, Dissertation Committee Member (2015-2016)  
Naveena Karusala (2017- )  
Arkadeep Kumar (2015-2017)

### **Master's Students**

Shruti Dalvi, Advisor (2017-2018)  
Vikas Luthra, Advisor (2017-2018)  
Azalea Irani, Advisor (2017-2018)  
Philippe Kimura-Thollander, Advisor (2017-2018)  
Samyukta Sherugar, Advisor (2016-2017)  
Ishita Chordia (2017- )  
Daier Yun (2017)  
Jasmine Hentschel (2015-2017)  
Cristina Velasquez (2016-2017)  
Aditi Dhar (2016)  
Aditi Gupta (2016)  
Aman Mangal (2016)  
Ravi Mangal (2016)  
Tanisha Wagh (2016)

### **Undergraduate Students**

Aditya Vishwanath, Advisor (2015-2018)  
Azra Ismail, Advisor (2016-2018)  
Naveena Karusala, Advisor (2015-2017)  
Paula Bondal (2017)  
Paul Jones (2017)

## **SERVICE**

### **Chair**

ICTD Program Chair (2019)  
ICTD Notes Chair (2017)  
CHI Symposium: HCI Across Borders Chair (2017)  
CHI Development Consortium: HCI Across Borders Chair (2016)



### **Program Committee**

ACM Conference on Human Factors in Computing Systems Papers (CHI 2018)  
ACM Conference on Human Factors in Computing Systems Workshops (CHI 2018)  
ACM Conference on Computer Supported Cooperative Work Papers (CSCW 2018)  
ACM Conference on Human Factors in Computing Systems Papers (CHI 2017)  
ACM Conference on Human Factors in Computing Systems Late-Breaking Works (CHI 2017)  
ACM Conference on Human Factors in Computing Systems Workshops (CHI 2017)  
ACM Symposium on Computing for Development (DEV 2016)  
International Conference on Information & Communication Technology & Development (ICTD 2016)  
ACM Symposium on Computing for Development (DEV 2015)  
International Conference on Information & Communication Technology & Development (ICTD 2015)  
International Conference on Information & Communication Technology & Development (ICTD 2013)

### **Editor**

International Journal of Human-Computer Studies (2017- )  
Interactions Blog Contributor (2017- )

### **Reviewer**

ACM Conference on Computer Supported Cooperative Work (CSCW 2017)  
International Journal of Communication (2017)  
ACM Conference on Human Factors in Computing Systems (CHI 2016)  
ACM Conference on Computer Supported Cooperative Work (CSCW 2016)  
Journal of Information Technology and International Development (2013-2016)  
Journal of New Media and Society (2013-2016)  
ACM Conference on Human Factors in Computing Systems (CHI 2015)  
ACM Conference on Computer Supported Cooperative Work (CSCW 2015)  
CoDesign: International Journal of Co-Creation in Design (2014-2015)  
ACM Conference on Human Factors in Computing Systems (CHI 2014)  
ACM Conference on Designing Interactive Systems (DIS 2014)  
ACM Conference on Human-Computer Interaction with Mobile Devices (MobileHCI 2014)

### **Institute Service**

Director, Global Development Minor, Georgia Tech (2016- )  
Serve-Learn-Sustain Fellow, Georgia Tech (2016- )

### **AWARDS & HONORS**

Class of 1969 Teaching Fellow, Georgia Tech (2017)  
Inaugural Member of Future of Computing Academy, ACM (2017- )  
Lockheed Inspirational Young Faculty Award, College of Computing, Georgia Tech (2016-2017)  
Serve-Learn-Sustain Grant for “Virtual and Lived Realities”, Georgia Tech (2017)  
Best Paper Honorable Mention (x2) (CHI 2017)  
ACM SIGCHI Development Fund for HCI Across Borders Symposium (2017)  
Facebook Grant for HCI Across Borders Symposium (2017)  
Google Grant for HCI Across Borders Symposium (2017)  
Best Paper Honorable Mention (CHI 2016)  
Serve-Learn-Sustain Grant for “Developing Global Development”, Georgia Tech (2016)

Facebook Grant for Development Consortium (2016)  
ACM SIGCHI Development Fund Grant for Development Consortium (2016)  
Serve-Learn-Sustain Grant for “Design for HIV Outreach in India”, Georgia Tech  
CAMTech Innovation Award for Maternal and Child Health (2015)  
First Prize, CAMTech Hackathon for Maternal and Child Health, GE Research (2014)  
UC Berkeley Graduate Division Grant for Course Design (2013)  
UC Berkeley Dean’s Normative Time Fellowship (2013)  
UC Berkeley Graduate Division Research Grant (2013)  
Google Anita Borg Scholarship (2012)  
Finalist, Facebook Fellowships (2012)  
UC Berkeley Dean’s Normative Time Fellowship (2012)  
UC Berkeley Graduate Division Research Grant (2012)  
Tata Graduate Research Fellowship (2010)  
Finalist, CITRIS Big Ideas Competition, UC Berkeley (2010)  
Berkeley Graduate Fellowship (2008-2010)  
Microsoft Ship-It Award for MS Office (2007)  
CITRIS Next Generation Internet Fellowship (2002)  
Commencement Keynote Speaker, Bonn International School, Germany (2001)

## **INDUSTRY EXPERIENCE**

### **Software Design Engineer, Microsoft Corporation (2005-2007)**

Designed, implemented, and tested features for the first release of the MS Office 12 Ribbon user interface. Saw the product through an intense bug-fixing cycle to its market release. Designed and prototyped features for media integration in the initial stages of MS Office 14.

### **Software Design Engineer Intern, Voltage Security (2004)**

Worked with an early-stage Stanford start-up and developed Linux version of their identity-based encryption product.

### **Software Design Engineer Intern, Microsoft Corporation (2001 & 2002)**

In 2002, interned with Macintosh Business Unit to design, implement, and test UI features for MS Entourage. In 2001, worked with Small Businesses group to develop COM-based application with .NET components.