## Contributors

**Sheetal K. Agarwal** is a research software engineer at IBM Research—India. Her research interests include mobile and pervasive computing environments, as well as information and communication technologies for developing regions. Agarwal holds an MS in computer science from the University of Maryland, Baltimore County.

**Sarah M. Belousov** is a Project Manager of the TechBridgeWorld research group in the Robotics Institute at Carnegie Mellon University's School of Computer Science. Her responsibilities involve strategic planning, fundraising, and program coordination, extending TechBridgeWorld's activities to Carnegie Mellon's Qatar and Pittsburgh campuses.

**Michael L. Best** is an Assistant Professor in the Sam Nunn School of International Affairs and the School of Interactive Computing at the Georgia Institute of Technology. He is also a Faculty Associate of the Berkman Center for Internet and Society at Harvard University.

**Subhash C. Bhatnagar** is an Honorary Adjunct Faculty member with the Indian Institute of Management, Ahmedabad, India.

M. Bernardine Dias is an Assistant Research Professor in the Robotics Institute at Carnegie Mellon University. She founded and directs the TechBridgeWorld research group (www .techbridgeworld.org), which spans Carnegie Mellon's Pittsburgh and Qatar campuses and creates innovative technology to empower developing communities around the world.

**M. Frederick Dias** is a Research Engineer in the Robotics Institute at Carnegie Mellon University. He assists with multi-robot coordination research in the Field Robotics Center and also serves as a technical consultant for TechBridgeWorld projects spanning Carnegie Mellon's Pittsburgh and Qatar campuses.

**John Etherton** is the Program Manager for the Georgia Institute of Technology's program in Liberia. He has extensive field experience in Liberia, having lived there for over two years. He currently resides in Monrovia and works with Ushahidi.

**Haijun Gong** is a postdoctoral fellow in the Computer Science Department at Carnegie Mellon University. He received his BS from the Department of

Physics at Qingdao University, and his MS and PhD from the Department of Statistics and Physics at Carnegie Mellon University.

**Richard Heeks** is Professor of Development Informatics at the Institute for Development Policy and Management, University of Manchester; and Director of the Centre for Development Informatics (http://www.manchester.ac.uk/cdi). He is the founder of the MSc program in ICTs for Development, and has been consulting and researching on ICTs and development for more than 20 years.

**Beth Kolko** is an Associate Professor of Human Centered Design & Engineering at the University of Washington. She leads the Design for Digital Inclusion group, which studies diversity and technology use to generate innovative approaches to software and hardware design.

**G. Ayorkor Korsah** is a PhD candidate in the Robotics Institute at Carnegie Mellon University and a student representative for TechBridgeWorld. She received her BA and ME degrees from Dartmouth College, and has served as a visiting lecturer at Ashesi University in Ghana.

**Arun Kumar** is a Research Staff Member at IBM Research—India. He represents IBM in W3C's Mobile Web for Social Development interest group, and he is a professional member of the ACM. He is also an Associate General Chair for the World Wide Web Conference in Hyderabad. 2011.

**Faheem Hussain** is an Assistant Professor of ICT and Quantitative Reasoning at the Asian University for Women in Bangladesh, the first liberal arts university in the region. His research focuses on technology, education, policy, and development.

Jack Mostow is a Research Professor of Robotics, Machine Learning, Language Technologies, and Human-Computer Interaction in Carnegie Mellon University's School of Computer Science, as well as the founder and Director of Project LISTEN (www.cs.cmu.edu/~listen), which developed and continues to refine an automated reading tutor that listens to children read aloud.

**Amit Anil Nanavati** is a Senior Researcher at IBM Research—India. He is a "Spoken Web" evangelist—trying to promote the vision of a world-

wide Spoken Web, which does not require an Internet connection or the ability to read or write. He also works on Telecom-based Social Network Analysis.

**Joyojeet Pal** is a Visiting Assistant Professor at the Polytechnic Institute of New York University and an NSF Computing Innovation Fellow at the ATLAS Institute of the University of Colorado at Boulder.

**Nitendra Rajput** is a Research Staff Member at IBM Research—India. His research areas are statistical signal processing, speech processing, telephony dialog management, MobileHCI, and HCI for developing regions. Rajput is also a senior member of the IEEE.

**Nupur Singh** is a Project Manager for the Centre for E-Governance at the Indian Institute of Management, Ahmedabad, India.

**Thomas N. Smyth** is a PhD student at the Georgia Institute of Technology School of Interactive Computing. His research focuses on new media technologies and civic engagement in developing countries.

**Tracy Morrison Sweet** is a graduate student in the Statistics Department at Carnegie Mellon University.

She is in the Program for Interdisciplinary Education Research (PIER), funded by the Institute for Education Sciences.

**Dhanaraj Thakur** is a PhD candidate in the School of Public Policy at the Georgia Institute of Technology. His research focuses on the intersection of ICTs, democracy, and development.

**Rahul Tongia** is a Principal Research Scientist at the Center for Study of Science, Technology and Policy (CSTEP), a Bangalore-based not-for-profit research center, and a Senior Systems Scientist (on leave) at Carnegie Mellon University, Pittsburgh. His interdisciplinary research focuses on technology, policy, and development.

**Edem Wornyo** is currently with the Research and Development Division of the Systems and Technology Group, IBM Microelectronics, New York. His research interests include telecommunications in developing economies, designed experiments for semiconductor manufacturing, neural networks, smart material structures for applications in microelectronics, nanotechnology, and biomedical engineering.