

Syed Ishtiaque Ahmed

Assistant Professor

Department of Computer Science, The University of Toronto
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Education

- **Cornell University** Ithaca, NY
Ph.D in Information Science 2018
 - Thesis: “Designing for Voice: The challenges of access, autonomy, and accountability”
 - Committee: Steven J. Jackson (chair), Dan Cosley, Nicola Dell
- **Cornell University** Ithaca, NY
M.Sc. in Information Science 2014
- **Bangladesh University of Engineering & Technology (BUET)** Dhaka, Bangladesh
M.Sc. in Computer Science & Engineering 2011
- **Bangladesh University of Engineering & Technology (BUET)** Dhaka, Bangladesh
B.Sc. in Computer Science & Engineering 2009

Employment

- **The University of Toronto** Toronto, ON
Assistant Professor, Department of Computer Science Fall 2017 - present
- **Cornell University** Ithaca, NY
Graduate Research/Teaching Assistant Fall 2011 - Summer 2017
- **Microsoft Research** Bangalore, India
Research Intern Summer 2015
- **New York University** Abu Dhabi, UAE
Visiting Researcher Summer 2016, 2017
- **Bangladesh University of Engineering & Technology (BUET)** Dhaka, Bangladesh
Lecturer, Computer Science & Engineering 2009-2011

Enterprise

- **Third Space Research Group** UofT, Canada
Director 2017 - present
- **National Young Academy of Bangladesh** Bangladesh
Founding Member 2019 - present
- **Human-Computer Interaction Lab** BUET, Bangladesh
Founder and Director 2009 - present
- **OpenStreetMap Bangladesh** Dhaka, Bangladesh
Founding Member 2010 - present

Honors, Awards, and Distinctions

- **Centennial Fellow**, 2019
- **Global Young Academy Member**, 2019
- **Connaught “Early Researcher” Award**, 2018
- **Intel Social Computing Graduate Scholar**, 2014-2015
- **International Fulbright Science & Technology Fellow**, 2011-2014
- **FulbrightTED Talk Runner-up** (2012) in Annual Fulbright Meeting, Orlando, Florida

- **NSF Summer Social Webshop scholar** (2012), Univ. of Maryland, College Park, USA
- **OpenStreetMap Foundation Scholarship** (2010): 1 of the 12 scholars selected worldwide
- **Best Entrepreneurship Project Award** (2010): Awarded \$5000 by Spandan B, Bangladesh
- **Champion: Software Development Track** (2010): Inter-University Project Show, Bangladesh
- **Dean's List Award & University Scholarship** (2009): Academic Honor by BUET, Bangladesh
- **Imdad Sitara Khan Scholarship** (2005-09): For Academic performance at BUET, Bangladesh
- **First Place** (2004): Among 22,000+ candidates in Dhaka University Entrance Exam (Science Unit)
- **Award of Merit** (2003): Highest Academic Honor by Notre Dame College, Dhaka, Bangladesh
- **National High School Merit Scholarship** (1998) by the Government of Bangladesh
- **Best Student Award** (1997): Highest Academic Honor by Ideal School & College, Bangladesh
- **National Elementary School Merit Scholarship** (1995) by UNICEF & the Government of Bangladesh

Research Grants and Awards

- 2019: PI, IIE Centennial Fellowship: 25,000 USD
- 2019: PI, SSHRC Individual Partnership Engage Grant (PEG): 25,000 CAD
 - Ranked 1st among all the applications.
- 2019: PI, MITACS Accelerate Award: 60,000 CAD
- 2019: PI, NSERC Discovery Launch Supplements Award: 12,500 CAD
 - Awarded to the ‘Selected top NSERC Discovery proposals’
- 2018: PI, NSERC Discovery Grant: 125,000 CAD
- 2018: PI, Connaught Early Researcher Grant: 25,000 CAD
- 2018: PI, CFI Innovation Grant: 625,000 CAD
- 2018: Consultant, National Institute of Health (NIH) R21 Grant: 250,000 USD
 - Ranked among Top 1% among all proposals
- 2017: PI, UofT Faculty Seed Grant: 400,000 CAD
- 2011: PI, International Fulbright Fellowship: 200,000 USD
- 2010: PI, International OpenStreetMap Grant: 5,000 USD
- 2010: PI, Spandan B Entrepreneurship Grant: 5,000 USD

Selected Publications

- **Peer-reviewed Conference Papers:**
 - Mohammad Rashidujjaman Rifat, Hasan Mahmud Prottoy, **Syed Ishtiaque Ahmed**, “The Breaking Hand: Knowledge, Care, and Sufferings of the Hand of an Electronic Waste Worker in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2019**), Glasgow, UK.
Best Paper Honorable Mention Award
 - **Syed Ishtiaque Ahmed**, Md. Romael Haque, Irtaza Haider, Jay Chen, Nicola Dell, “Everyone Has Some Personal Stuff: Designing to Support Digital Privacy with Shared Mobile Phone Use in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2019**), Glasgow, UK.

- Sharifa Sultana, **Syed Ishtiaque Ahmed**, “Witchcraft and HCI: Morality, Modernity, and Post-colonial Computing in Rural Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2019**), Glasgow, UK.
- S M Taiabul Haque, Pratyasha Saha, Muhammad Sajidur Rahman, **Syed Ishtiaque Ahmed**, “Of Uti, ‘Hajano’, and “Matachetar otanetak datam”: Exploring Local Practices of Privacy and Exchanging Confidential and Sensitive Information in Urban Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2019**), Austin. TX, USA
- Sharifa Sultana, **Syed Ishtiaque Ahmed**, Susan Fussell, ““Parar-daktar Understands My Problems Better”: Disentangling the Challenges to Designing Better Access to Healthcare in Rural Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2019**), Austin. TX, USA
- Esther Jang, Philip Garrison, Mary Claire Barela, Ronel Vincent Vistal, Thessa Cunanan, Philip Martinez, Mia Perez, Matthew William Johnson, Andoy Evangelista, **Syed Ishtiaque Ahmed**, Josephine Dionisio, Kurtis Heimerl, “Trust and Technology Repair Infrastructures in the Remote Rural Philippines: Navigating Urban-Rural Seams”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2019**), Austin. TX, USA
- Samia Ibtasam, Lubna Razaq, Maryam Ayub, Jennifer R Webster, **Syed Ishtiaque Ahmed**, Richard Anderson, ““My cousin bought the phone for me. I never go to mobile shops”: The Role of Family in Women’s Technological Inclusion in Islamic Culture”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2019**), Austin. TX, USA
- Fayika Farhat Nova, Shion Guha, Md. Rashidujjaman Rifat, Pratyasha Saha, **Syed Ishtiaque Ahmed**, Shion Guha, “Online Sexual Harassment over Anonymous Social Media in Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2019**), Ahmedabad, India.
- Naeemul Hassan, Manash Kumar Mandal, Mansurul Bhuiyan, Aparna Moitra, **Syed Ishtiaque Ahmed**, “Can Women Break the Glass Ceiling?: An Analysis of #MeToo Hashtagged Posts on Twitter”, In Proceedings of The 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (**ASONAM 2019**), Vancouver, Canada.
- Dina Sabie, **Syed Ishtiaque Ahmed**, “Moving into a Technology Land: Exploring the challenges for the Refugees in Canada in Accessing its Computerized Infrastructures”, In Proceedings of The second annual ACM SIGCAS Conference on Computing and Sustainable Societies (**COMPASS 2019**), Accra, Ghana.
- Dina Sabie, Samar Sabie, Cansu Ekmekcioglu Dedeoglu, Yasaman Rohanifar, Fatma Hashim, Steve Easterbrook, **Syed Ishtiaque Ahmed**, “Exile Within Borders: Understanding the Limits of the Internally Displaced People (IDPs) in Iraq”, In Proceedings of ACM Workshop on Computing Within Limits (**LIMITS 2019**), Lappeenranta, Finland.
- Mizanur Rahman, Nestor Hernandez, Ruben Recabarren, **Syed Ishtiaque Ahmed**, Bogdan Carbunar, “The Art and Craft of Fraudulent App Promotion in Google Play”, In Proceedings of The 26th ACM Conference on Computer and Communications (**CCS 2019**), London, UK.
- **Syed Ishtiaque Ahmed**, Md. Romael Hoque, Jay Chen, Nicola Dell, “Digital Privacy Challenges with Shared Mobile Phone Use in Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2018**), Volume 1 Issue CSCW, November 2018. Article No. 17.

- **Syed Ishtiaque Ahmed**, Md. Romael Hoque, Md. Rashidujjaman Rifat, Shion Guha, Nicola Dell, “Privacy, Security, and Surveillance in the Global South: A Study of Biometric Mobile SIM Registration in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2017**), Colorado, USA. pp. 906-918.
- Priyank Chandra, **Syed Ishtiaque Ahmed**, Joyojeet Pal, “Market Practices and the Bazaar: Technology Consumption in Informal ICT Markets in the Global South”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2017**), Colorado, USA. pp.4741-4752.
- Mehrab Bin Morshed, Michaelanne Dye, **Syed Ishtiaque Ahmed**, Neha Kumar, “When the Internet goes down in Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2017**), Oregon, USA. pp.1591-1604.
- **Syed Ishtiaque Ahmed**, Nicola Bidwell, Himanshu Zade, Srihari Muralidhar, Anupama Dhareshwar, Baneen Karachiwala, Cedrick Tandong, Jacki O’Neill, “Peer-to-peer in the workplace: A view from the road”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2016**), California, USA, pp. 5063-5075.
Best Paper Honorable Mention Award
- Lara Houston, Steven J. Jackson, Daniela Rosner, **Syed Ishtiaque Ahmed**, Meg Young, Laewoo Kang, “Values in Repair”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2016**), California, USA, pp. 1403-1414.
- **Syed Ishtiaque Ahmed**, Shion Guha, Md. Rashidujjaman Rifat, Md. Foysal Hossain Sezan, Nicki Dell, “Privacy in Repair: Challenges around the Broken Digital Objects in Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2016**), Michigan, USA. Article No. 11.
Best of ICTD 2016
- **Syed Ishtiaque Ahmed**, Nova Ahmed, Faheem Hussain, and Neha Kumar, “Computing beyond Gender-Imposed Limits”, In Proceedings of the Second ACM Workshop on Computing within Limits (**LIMITS 2016**), June 9-10, Irvine, CA, USA. Article No. 6
Travel Grant Award
- **Syed Ishtiaque Ahmed**, Nusrat Jahan Mim, Steven J. Jackson, “Residual Mobilities: Infrastructural Displacement and Post-Colonial Computing in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2015**), Seoul, South Korea, pp. 437-446. 2015.
- **Syed Ishtiaque Ahmed**, Steven J. Jackson, Md. Rashidujjaman Rifat, “Learning to Fix: Knowledge, Collaboration and Mobile Phone Repair in Dhaka, Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2015**), Singapore. pp. 4:1–4:10. 2015.
Travel Grant Award
- **Syed Ishtiaque Ahmed**, Maruf Zaber, Mehrab Bin Morshed, Habibullah Bin Ismail, Dan Cosley, Steven J. Jackson, “Suhrid: A Collaborative Mobile Phone Interface for Low Literate People”, In Proc. ACM Symposium on Computing for Development (**DEV 2015**), London, UK. pp. 95-103.
- **Syed Ishtiaque Ahmed**, Steven J. Jackson, Nova Ahmed, Hasan Shahid Ferdous, Md. Rashidujjaman Rifat, ASM. Rizvi, Shamir Ahmed, Rifat Sabbir Mansur, “Protibadi: A Platform for Fighting Sexual Harassment in Urban Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2014**), Toronto, Canada, pp. 2695-2704.
- Steven J. Jackson, **Syed Ishtiaque Ahmed**, Md. Rashidujjaman Rifat, “Learning, Innovation, and Sustainability among Mobile Phone Repairers in Dhaka, Bangladesh”, In Proceedings of ACM

conference on Designing Interactive Systems (**DIS 2014**), Vancouver, Canada, pp. 905-914.

- **Syed Ishtiaque Ahmed**, Steven J. Jackson, Maruf Zaber, Mehrab Bin Morshed, Habibullah Bin Ismail, Sharmin Afrose, “Ecologies of Use and Design: Individual and Social Uses of Mobile Phones Within Low-Literate Rickshaw-Puller Communities in Urban Bangladesh”, In Proceedings of The 4th ACM Symposium on Computing for Development (**DEV-4**), Cape Town, South Africa, pp. 14:1–14:10, 2013.
- Shion Guha, Stephanie Steinhardt, **Syed Ishtiaque Ahmed**, Carl Lagoze, “Following Bibliometric Footprints: The ACM Digital Library and the Evolution of Computer Science”, In Proceedings of ACM Joint Conference on Digital Libraries (**JCDL 2013**), Indianapolis, Indiana, USA, July, 2013.
- Theresa Velden, **Syed Ishtiaque Ahmed**, Scott Allen Cambo, Carl Lagoze, “Toward a Time-sensitive Mesoscopic Analysis of Co-Author Networks: A Case Study of Two Research Specialties”, In Proceedings of 14th International Society of Scientometrics and Informetrics Conference (**ISSI 2013**), Vienna, Austria, 15-19th July, 2013.
- Sohaila Binte Ridwan, Hasan Shahid Ferdous, **Syed Ishtiaque Ahmed**, “The State of Open-StreetMap in Bangladesh”, In Proceedings of Human-Computer Interaction, Tourism and Cultural Heritage, **Lecture Notes in Computer Science**, Volume 7546, 2012, pp 133-143, Springer.
- Md. Ridwanur Rahman, Proteek Chandan Roy, Shujon Naha, Ishrat Ahmed, Samiha Samrose, Md. Mizanur Rahman, **Syed Ishtiaque Ahmed**, “A-Class: Intelligent Classroom Software for the Autistic Children”, in Proceedings of The IEEE Symposium on Computer and Informatics (**ISCI 2011**), Penang, Malaysia, 2011, pp. 727-731. IEEE.
- **Syed Ishtiaque Ahmed**, Masud Hasan, Awaln Sopan, “Vindictive Voronoi Games and Stabbing Delaunay Circles” , in the Proceedings of the 7th International Symposium on Voronoi Diagrams in Science and Engineering (**ISVD 2010**), Quebec City, Qc, Canada. 2010. pp. 124-131. IEEE.
- **Syed Ishtiaque Ahmed**, “An efficient system for searching frequently lost objects using binary detection sensor” , in the Proceedings of The 2nd International Conference on Advanced Computer Theory and Engineering (**ICACTE 2010**), Cairo, Egypt, 2010. pp. 1145-1155. American Society of Mechanical Engineers (ASME) Press.
- **Syed Ishtiaque Ahmed**, Masud Hasan, Md. Ariful Islam, “Cutting a convex polyhedron out of a sphere”, in Proceedings of the 7th Japan Conference on Computational Geometry and Graph (**JCCGG 2009**), Kanazawa, Japan, 2009, pp 127-128.
[Travel Grant Award](#)

• **Peer-reviewed Journal Papers:**

- Morgan G. Ames, Silvia Lindtner, Shaowen Bardzell, Jeffrey Bardzell, Lilly Nguyen, **Syed Ishtiaque Ahmed**, Nusrat Jahan, Steven J. Jackson, Paul Dourish, “ Making or Making Do? Challenging the Mythologies of Making and Hacking” , In **Journal of Peer Production**, Vol. 12, 2018.
- **Syed Ishtiaque Ahmed**, Shion Guha, Md. Rashidujjaman Rifat, Md. Foysal Hossain, Nicola Dell, “Privacy Vulnerabilities in the Practices of Repairing Broken Digital Artifacts in Bangladesh” , In **Journal on Information Technologies and International Development (ITID)**, Vol. 13: pp.186-199, 2017.
- Md. Mustafizur Rahman, S. M. Ferdous, **Syed Ishtiaque Ahmed**, Anika Anwar, “Speech Development of Autistic Children by Interactive Computer Games”, In **International Journal of Interactive Technology and Smart Education (ITSE)**, Emerald. Vol. 8(4): pp.208-223, 2011.
- **Syed Ishtiaque Ahmed**, Masud Hasan, Md. Ariful Islam, “Cutting a cornered convex polyhedron out of a sphere”, In **Graphs and Combinatorics**, Vol. 27(3), pp 307-319, Springer, 2011.

- **Syed Ishtiaque Ahmed**, Md. Ariful Islam, Masud Hasan, “Cutting a cornered convex polygon out of a circle” , In **Journal of Computers (JCP)**, Vol. 5 (1), pp 4-11, Academy Publisher, 2010.

- **Book Chapters:**

- Arpeeta Shams Mizan, **Syed Ishtiaque Ahmed**, “Silencing the Minority through Domination in Social Media Platform: Impact on the Pluralistic Bangladeshi Society” , ELCOP Yearbook of Human Rights (2018)
- Une Thoing Rosi, **Syed Ishtiaque Ahmed**, “Toward a Robust Trust Model for Ensuring Security and Privacy in VANETs” , In “Security of Self-Organizing Networks: MANET, WSN, WMN, VANET” , CRC Press 2011.

- **Lightly reviewed papers, Notes, Workshop papers, Demos, and Posters:**

- Abdul Kawsar Tushar, Tanjir Soron, Md Munirul Haque, Sheikh Iqbal Ahamed, **Syed Ishtiaque Ahmed**, “Understanding Stigmas Around Autism Spectrum Disorder (ASD) and their Consequences in Urban Bangladesh”, Accepted for presentation at the 9th International Together Against Stigma Conference (**TAS 2019**), Singapore
- Yasaman Rohanifar, Nusrat Jahan Mim, Md. Rashidujjaman Rifat, **Syed Ishtiaque Ahmed**, “Ambivalence: Simultaneous Tactile Experiences of Using and Recycling Smartphones”, in Companion Proc. of ACM Conference on Designing Interactive Systems (**DIS 2019**), CA, USA
- Mohammad Rashidujjaman Rifat, Dipto Das, Md. Najmul Islam, **Syed Ishtiaque Ahmed**, “Microcelebrities in Bangladesh”, in **HCI across Borders and Intersections** Workshop at (**CHI 2019**), Glasgow, UK.
- Sharifa Sultana, **Syed Ishtiaque Ahmed**, Susan Fussel, “Understanding Well-being Practice in Rural Bangladesh” , in **HCI across Borders and Intersections** Workshop at (**CHI 2019**), Glasgow, UK.
- Naeemul Hassan, Manash Kumar Mandal, Mansurul Bhuiyan, Aparna Moitra, **Syed Ishtiaque Ahmed**, “Nonparticipation of bangladeshi women in #MeToo movement”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2019**), Ahmedabad, India.
- Sharifa Sultana, Shaid Hasan, Khandaker Reaz Mahmud, **Syed Ishtiaque Ahmed**, “‘Shada Baksho’: a hardware device to explore the fears of using mobile phones among the rural women of Bangladesh” , In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2019**), Ahmedabad, India.
- Fayika Farhat Nova, Md. Rashidujjaman Rifat, Pratyasha Saha, **Syed Ishtiaque Ahmed**, Shion Guha, “Silenced Voices: Understanding Sexual Harassment on Anonymous Social Media Among Bangladeshi People”, in the Companion Publication of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing (**CSCW 2018**), New York, USA.
- Dina Sabie, **Syed Ishtiaque Ahmed**, “Understanding Access beyond Information and Commodities: A Case Study of Refugees in Canada”, in **HCI across Borders workshop** at (**CHI 2018**), Montreal, Canada.
- Mohammad Rashidujjaman Rifat, Hasan Mahmud Prottoy, Nirupam Aich, **Syed Ishtiaque Ahmed**, “Understanding the Opportunities and Challenges in E-waste Management Practices in Dhaka, Bangladesh”, in **HCI across Borders workshop** at (**CHI 2018**), Montreal, Canada.
- Fayika Farhat Nova, Md. Rashidujjaman Rifat, **Syed Ishtiaque Ahmed**, Shion Guha, “Sarahah in Bangladesh: A Study on Anonymity and Social Media in Developing Countries”, in **HCI across Borders workshop** at (**CHI 2018**), Montreal, Canada.

- Jasmine Hentschel, **Syed Ishtiaque Ahmed**, Faheem Hussain, Nova Ahmed, Neha Kumar, “Working with Women in ICTD”, In Proceedings of the Ninth International Conference on Information and Communication Technologies and Development, (**ICTD 2017**), Lahore, Pakistan.
- Meghana Marathe, Priyank Chandra, Vaishnav Kameswaran, Tsuyoshi Kano, **Syed Ishtiaque Ahmed**, “In search of missing pieces: A re-examination of trends in ICTD research”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2016**), Michigan, USA.
- **Syed Ishtiaque Ahmed**, Jacki O’Neill, Meghana Marathe, “Reframing ICTD: The Political Aspects of Technology and Development”, in Researching for Change in a Globalising Asymmetric World: A workshop at the **Critical Alternatives Conference** 17th / 18th August, 2015 Aarhus, Denmark.
- Jacki O’Neill, Meghana Marathe, **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** 17th / 18th August, 2015 Aarhus, Denmark.
- **Syed Ishtiaque Ahmed**, Shion Guha, Md. Rashidujjaman Rifat, “Privacy Concerns in Repairing”, in Symposium On Usable Privacy and Security (**SOUPS 2014**), CA, USA. 2014
- Mashfiqui Rabbi, **Syed Ishtiaque Ahmed**, “Sensing Stress Network for Social Coping”, in the Companion Publication of the 2014 ACM Conference on Computer Supported Cooperative Work and Social Computing (**CSCW 2014**), Baltimore, USA, pp. 225-228.
- Sabirat Rubya, **Syed Ishtiaque Ahmed**, “Design implication for a customized smartphone file explorer from user feedback”, In Proceedings of The 4th ACM Symposium on Computing for Development (**DEV-4**), Cape Town, South Africa, 2013, pp. 27:1–27:2.
- **Syed Ishtiaque Ahmed**, Maruf Zaber, Shion Guha, “Usage of the Memory of Mobile Phones by Illiterate People”, In Proceedings of The 3rd ACM Symposium on Computing for Development (**DEV 2013**), Bangalore, India, 2013.pp. 42:1-42:2
- **Syed Ishtiaque Ahmed**, Shion Guha, “Distance Matters: An Exploratory Analysis of the Linguistic Features of Flickr Photo Tag Metadata in Relation to Impression Management” In Proceedings of ACM SIGMOD Workshop on Databases and Social Networks, Arizona, USA. pp. 7-12.
[Travel Grant Award](#)
- **Syed Ishtiaque Ahmed**, Scott Allen Cambo, Carl Lagoze, Theresa Velden, “Toward a Mesoscopic Analysis of the Temporal Evolution of Scientific Collaboration Networks”, In Proceedings of **iConference 2013**, February 12-15, 2013, Fort Worth, Texas.
- Edward Tse, Lynn Marentette, **Syed Ishtiaque Ahmed**, Alexander Thayer, Jochen Huber, Max Mhlhuser, Si-Jung Kim, Quincy Brown, “Educational interfaces, software, and technology”. **CHI Extended Abstracts 2012**, pp. 2691-2694.
- Ali S Sabbir, M Omar Rahman, Khosru M. Salim, Raihan Bin Rafique, **Syed Ishtiaque Ahmed**, Md Hasanuzzaman Bhuiyan, Md. Mustafizur Rahman, Hasan Shahid Ferdous, “Birth Record Communicator: A Pathway to Automated Health Data Acquisition System”, in Proceedings of Workshop on Interactive Systems in Healthcare (**WISH 2011**), AMIA Annual Symposium, USA, 2011
- Sajidur Rahman, Khondoker Asif Akter, Shakil Hossain, Anjon Basak, **Syed Ishtiaque Ahmed**, “Smart Blood Query: A Novel Mobile Phone Based Privacy-Aware Blood Donor Recruitment and Management System for Developing Regions”, in Proceedings of The 25th International Conference on Advanced Information Networking and Applications (**AINA 2011**) for The 4th International Workshop on Data Management for Wireless and Pervasive Communications (DMWPC), Singapore,

2011, pp. 544-548.

- **Syed Ishtiaque Ahmed**, Masud Hasan, Md. Ariful Islam, “Cutting a convex polyhedron out of a sphere”, in Proceeding of Workshop on Algorithm and Computing (WALCOM 2010), **Lecture Notes in Computer Science (LNCS)**, Vol. 5942, pp. 94-101, Springer, 2010
- **Syed Ishtiaque Ahmed**, Md. Mansurul Alam Bhuiyan, Masud Hasan, Ishita Kamal Khan, “On finding a better position of a convex polygon inside a circle to minimize the cutting cost”, in Proceeding of Workshop on Algorithm and Computing (WALCOM 2010), **Lecture Notes in Computer Science (LNCS)**, Vol. 5942, pp. 252-262, Springer, 2010

Teaching Experience

- **The University of Toronto** Toronto, ON
Department of Computer Science Spring 2018 - present
 - Undergraduate Teaching
 - * Fall 2019: CSC 300: Computer and Society (160 students)
 - * Spring 2019: CSC 300: Computer and Society (160 students, co-taught w/ Mathew Zaleski)
 - * Fall 2018: CSC 300: Computer and Society (160 students, co-taught w/ Mathew Zaleski)
 - * Spring 2018: CSC 300: Computer and Society (160 students, co-taught w/ Mathew Zaleski)
 - Graduate Teaching
 - * Fall 2019: Computing and Global Development
 - * Spring 2019: Critical Thinking for HCI
 - * Fall 2018: Computing and Global Development
 - * Spring 2018: CSC 2526: Inclusive Computing
- **Cornell University** Ithaca, NY
Teaching Assistant 2011 - 2017
 - INFO/STS 4240 (Designing Technologies for Social Impact): Fall 2016, Instructor: Phoebe Sengers
 - CS 1300 (Web Programming): Fall 2015, Instructor: Steven Palling
 - INFO/COMM 3460 (Crowds, Communities, and Technologies): Fall 2014, Instructor: Gilly Leshed
 - CS 4302 (Web Information Systems): Fall 2012, Instructors: Bernhard Haslhofer & Theresa Velden
 - CS 2110 (Object Oriented Programming): Summer 2012, Instructor: Graeme Bailey
- **Bangladesh University of Engineering & Technology (BUET)** Dhaka, Bangladesh
Lecturer, Computer Science & Engineering Fall 2009 - Summer 2011
 - CSE 109 (Programming Languages C/C++): Spring 2010, 2011 [70 students]
 - CSE 308 (Software Engineering and Information System Design): Fall 2009 [60 students]
 - CSE 408 (Artificial Intelligence): Fall 2009, Spring 2010, Fall 2010 [60 students]
 - CSE 474 (Pattern Recognition): Fall 2010 [30 students]
 - CSE 463 (Computational Geometry): Spring 2011 [30 students] (Co-Instructor)

Advising and Mentoring Experience

- **The University of Toronto**
 - **Postdoc**
 - * Dr. Priyank Chanrda (PhD from U of Michigan), (July 2019 - present)
 - **PhD Students**
 - * Mohammad Rashidujjaman Rifat (Fall 2017 - present)
 - * Dina Sabie (Spring 2018 - present)
 - * Maryam Mokhberi (Fall 2019 - present)
 - **Masters Students**

- * Yasaman Rohanifar (Fall 2018 - present)
- * Abdul Kawsar Tushar (Fall 2018 - present)
- * Hazem Ibrahim (Fall 2018 - present)
- **Visiting Researchers, and Design Fellows**
 - * Aparna Moitra (2018-)
 - * Nusrat Jahan Mim (2019-)
- **Committee Member**
 - * PhD: Amna Liaqat (2018-)
 - * Masters: Levon Amatuni (2018 - 2019)
- **Undergraduate Students**
 - * Samin Khan (Summer 2018 - Spring 2019): CTO and Co-Founder of *Animo*
 - * Zifei Han (Summer 2018 - Fall 2018): Co-Founder of *Uforse Education Group Inc.*
 - * Prianka Roy (Fall 2018 - present)
 - * Christina Chung (Spring 2018 - present)
 - * Faiyaz Huq (Fall 2017 - Summer 2018)
 - * Rasagya Monga (Spring 2018 - Summer 2018)
- **Mentoring students in other institutions**
 - **PhD Students**
 - * Sharifa Sultana, Information Science, Cornell University (2016-)
 - * Upol Ehsan, Information Science, Cornell University (2016-)
 - * Dipto Das, Information Science, Syracuse University (2017 -)
 - * Priyank Chandra, iSchool, University of Michigan (2015-2018)
 - * Mizanur Rahman, Computer Science, Florida International University (2017-)
 - **Undergraduate Students**
 - * Safir Abdullah, BUET (2016-)
 - * Hasan Mahmud Prottoy (2016-)
 - * Pratyasha Saha, University of Dhaka (2016-)
 - * Mitrasree Deb, BUET (2018-)
 - * Kowshika Sarkar, BUET (2018-)
 - * Mehrab Bin Morshed, BUET (Next: PhD Student, Interactive Computing, Georgia Tech)
 - * Maruf Zaber, BUET (Next: PhD Student, Informatics, Univ of California, Irvine)
 - * Md. M. Rahman, BUET (Next: PhD Student, Information Science, UT Austin)
 - * Sabirat Rubya, BUET (Next: PhD Student, Computer Science, Univ. of Minnesota)
 - * Rifat Mansur, BUET (Next: PhD Student, Computer Science, Virginia Tech)
 - * Faysal Hossain, BUET (Next: PhD Student, Computer Science, University of Virginia)
 - * Md. Sajidur Rahman, BUET (Next: PhD Student, Computer Science, University of Florida)
 - * Md. Romael Hoque, BUET (Next: PhD Student, Computer Science, Marquette University)
 - * Samiha Samrose, BUET (Next: PhD Student, Computer Science, University of Rochester)
 - * Rawshan Fatima, Univ of Dhaka (Next: PhD Student, Gender Studies, Rutgers University)
 - * Scott A. Cambo, Cornell University (Next: PhD Student, TSB, Northwestern University)
 - **Research Interns**
 - * Srihari H. Muralidhar, Microsoft Research
 - * Anupama Dhareshwar, Microsoft Research

Professional Services

- **Organization and Program Committee:**
 - Associate Chair: CHI 2018, 2019, 2020
 - Associate Chair: CSCW 2020

- Associate Chair: GROUPS 2020
- PC Member, ICTD 2020
- Session Chair: Empowerment and Minorities, CHI 2019
- Poster Chair: ICTD 2019
- Associate Chair: DIS 2018
- Associate Chair: ICT4S 2018
- Associate Chair: CHI Workshops 2018, 2017
- Associate Chair: CHI Late Breaking Work 2017
- IEEE Symposium of Human Computing and Social Computing (HCSC) 2017
- African Conference for Human-Computer Interaction (AfriCHI) 2016

- **Co-organizing Workshops, Panels, Sessions, and Seminars**

- “Refugees & HCI: Situating HCI Within Humanitarian Research”, Panel, CHI, Glasgow, UK. 2019
- “HCI Across Borders and Intersections”, Symposium at CHI, Glasgow, UK, 2019
- “Charting the future of forced migration research in Information Science”, workshop at iConference, Washington DC, USA, 2019
- “Frontiers of Digital Economy and Governance of Bangladesh”, Panel Discussion at Bangladesh Development Initiative (BDI) Conference, Yale University, March 2019.
- “Targeting Sustainable Development Goal 5 Towards Gender Equality”, Open Session at ICTD’16.
- “Technology for non-WEIRD Population”: Catalyst Team, CSST 2016.
- “Refugees and HCI SIG: The Role of HCI in Responding to the Refugee Crisis”, Panel at CHI 2016.
- “Development Consortium”, at ACM CHI, California, USA, 2016.
- “Bridging the Gaps Between Theory and Practice Through HCI and Education”, Workshop, IndiaHCI, Gawhati, India 2016.
- “Human and Technology (WHAT)” Workshop, ICCIT, Khulna, Bangladesh, 2014.
(First HCI Workshop in Bangladesh)
- “Educational Interfaces, Software, and Technology (EIST)”, Workshop, CHI, Texas, US, 2012

- **Design Workshops, Tutorials, Seminars, Public Lectures**

- “Design Thinking Workshop Series”, Workshop series at BUET, Dhaka, Bangladesh, 2019
- “Nonlinear Design Thinking”, BRAC University, co-presented with Nusrat Jahan Mim, Dhaka, Bangladesh, 2019
- “Modern Design Thinking: A Human Centered Approach in Creating Technology”, Southeast University, Dhaka, Bangladesh, 2019
- “Fifty Shades of Design Thinking”, Design Workshop, Kaizen Group, Dhaka, Bangladesh, 2017.
- “From Ethnography to Design”, Kolpokoushol Workshop, Dhaka, 2016
- “Design withing Limits”, Innovation Lab, University of Dhaka, 2016

- **Reviewer:**

- CHI 2014, 2015, 2016, 2017. **multiple “Excellent Review” recognitions**
- CSCW 2013, 2014, 2015, 2016, 2017, 2018, 2019.
- ICTD 2015, 2016, ACM DIS, ACM DEV, ACM MobileHCI, IndiaHCI, ICCIT

- **Miscellaneous:**

- Vice Chair, Dhaka ACM SIGCHI Chapter (2019-)
- Member, ACM SIGCHI Geographic Inclusion Team
- Treasurer, International Fulbright Science & Technology Fellow Student Association (2012-2013)
- Vice President, Graduate Student Association, Information Science, Cornell University (2013-2014)
- **Mentor**, Kolpokoushol: A Knowledge Initiative by MIT Students and Alumni (2016 -)

Selected Talks, Lectures, and Presentations

- “Everyone Has Some Personal Stuff”, at ACM CHI, May 2019, Glasgow, UK.
- “Designing for Voice”, Department of Electrical and Computer Engineering, York University, North York, Ontario, January, 2019
- “Understanding People and Designing Technology”, at the World Usability Day 2018, Organized by TorCHI, The University of Toronto, November, 2018.
- “Designing for Sustainable Development”, at The Department of Computer Science, The University of British Columbia, Vancouver, October, 2018.
- “Designing for Voice”, Toronto User Experience Talk, February, 2018
- “Privacy, Security, and Surveillance in the Global South”, In ACM CHI, April 2017, Colorado, USA.
- “Technology and Humanity”, Keynote Speech, IEEE R10 Humanitarian Conference, December 2017.
- “Fifty Shades of Design Thinking”, Design Workshop, Kaizen Group, Dhaka, Bangladesh, 2017
- “Democracy and Design”. BUET Debating Club, December 2017.
- “Understanding People and Designing Technology” at 10 major universities in the USA and Canada in 2017 as a faculty candidate.
- “Silicon Valley for Bangladesh?”, at BDx Panel, Massachusetts Institute of Technology (MIT), Cambridge, MA. October 15, 2016 (Invited Panelist).
- “Repair and ICTD: Sustainable Technology Practice and Development”, Guest Lecture in “Technology for Development” class at Cornell University, Ithaca, NY. October 2016.
- “Privacy in Repair”, in Int’l Conference on Information and Communication Technologies and Development (ICTD ’16), Ann Arbor, Michigan, June 2016.
- “Understanding People and Designing Technology: Thinking and Building toward Sustainable Development”, at Georgia Tech, February 18, 2016. (Invited Talk)
- “Suhrid: A Collaborative Mobile Phone Interface for Low Literate People”, at ACM DEV 2015, Queen Mary University, London, UK, December, 2015.
- “Ola and Ride Sharing Applications in India”, at Microsoft Research, Bangalore, India, August 2015.
- “Residual Mobilities: Infrastructural Displacement and Post-Colonial Computing in Bangladesh”, at ACM CHI 2015, Seoul, South Korea, April, 2015.
- “Postcolonial technology and development”, at State University of New York, Korea, April, 2015. (Invited Talk)
- “Social Design: A Space beyond Technical Discourse”, at Bangladesh University of Engineering and Technology, Dhaka, Bangladesh, March 2015. (Invited Talk)
- “Design & Development”, at Institute of Business Administration, Dhaka University, March, 2015. (Invited Talk)
- “Designing for People”, at Independent University, Dhaka, Bangladesh, February, 2015. (Invited Talk)
- “Philosophy of Design” at World Literature Center, Dhaka, Bangladesh, January, 2015. (Invited Talk)
- “Art and Craft of Repairing”, at Intel Science and Technology Center for Social Computing (ISTC*SC) Annual Meeting, Georgia Tech, Atlanta, GA, USA, March 2014.
- “Ethnography and Design for Development”, at Department of Information Science, Cornell University, Ithaca, NY, USA, December 2014.
- “Ecologies of Use and Design: Individual and Social Uses of Mobile Phones Within Low-Literate Rickshaw-Puller Communities in Urban Bangladesh”, at ACM DEV 2013, Cape Town, South Africa, December 2013.

- “Exploring Repair World in Bangladesh” at International Fulbright Science and Technology Annual Meeting, New Orleans, Louisiana, USA, November, 2013.
- “Distance Matters: An Exploratory Analysis of the Linguistic Features of Flickr Photo Tag Metadata in Relation to Impression Management”, at ACM SIGMOD (DBSocial Workshop), Scottsdale, Arizona, May 2012.
- “TEDex Fulbright: Discover 2020”, at International Fulbright Science and Technology Annual Meeting, Florida, USA, November, 2012. **Best Talk Runner Up Prize**
- “Birth Record Communicator: A Pathway to Automated Health Data Acquisition System”, at AMIA Workshop of Wireless Health (WISH), Washington DC, October, 2011.
- “State of OpenStreetMap in Bangladesh”, in Annual State of The Map Conference, Girona, Spain, 2010. **OpenStreetMap Scholarship**
- “More than Words”, at State University of Bangladesh, March, 2010. (Invited Talk)
- “Cutting a convex polyhedron out of a sphere” at the Workshop of Algorithms and Computing (WALCOM) at BUET, Dhaka, Bangladesh, February 2010.
- “Making Cuts Efficient” at The Young Scientists Congress, Dhaka, Bangladesh, December 2009.
- “Cutting a convex polyhedron out of a sphere” at The 7th Japan Conference on Computational Geometry and Graphs, Kanazawa, Japan, November, 2009.

References

- **Steven J. Jackson:** Associate Professor, Information Science, Cornell University. Email: sjj54@cornell.edu
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- **Jacki O’Neill:** Researcher, Technology for Emerging Market Group, Microsoft Research India. Email: Jacki.ONeill@microsoft.com
- **Neha Kumar:** Assistant Professor, Interactive Computing and International Affairs, Georgia Institute of Technology. Email: neha.kumar@gmail.com