Naveena Karusala

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EDUCATION

University of Washington
Ph.D. in Paul G. Allen School of Computer Science and Engineering (2017-)
Specialization: Human-Computer Interaction and Global Development
Advisor: Dr. Richard Anderson

Georgia Institute of Technology
B.S. in Computer Science (2013-2016)
Specialization: Information Internetworks & People
Advisor: Dr. Neha Kumar

EXPERIENCE

Graduate Research Assistant, ICTD Lab, University of Washington, Seattle (September 2017-)
Exploring financial behaviors and pay structures of peripheral workers, such as community health workers or entrepreneurs, in order to inform the design of digital financial services.

Research Assistant, TanDEm Lab, Georgia Tech, Atlanta (December 2015-August 2017)
Led and collaborated on projects that took an intersectional feminist approach to examine participation and agency at local and transnational levels. These included the design of knowledge-sharing mechanisms for rural Indian mobile phone users, evaluation of panic buttons for women's safety in urban India, investigation of Twitter use in the context of social pan-Africanism, among others.

Research Intern, Gram Vaani, New Delhi (May 2016-August 2016)
Developed and conducted evaluations of offline sharing mechanisms for a media sharing app for use in areas with poor connectivity. Was co-advised by Dr. Aaditeshwar Seth, founder of Gram Vaani, and Dr. Neha Kumar. Currently collecting data for this research project.

Research Assistant, UbiComp Group, Georgia Tech (October 2013-October 2015)
Collected and conducted a comparative analysis of tweets related to autism from both India and the United States to understand autism awareness among families in different cultures and environments. Currently continuing this line of work.

PEER-REVIEWED PUBLICATIONS

- **Naveena Karusala**, Aditya Vishwanath, Aditya Vashistha, Sunita Kumar, and Neha Kumar. "Only if you use English you will get to more things": Using Smartphones to Navigate Multilingualism. *Proceedings of the 2018 ACM Conference on Human Factors in Computing Systems (CHI '18).* ACM, New York, NY, USA. *Forthcoming.*

- **Naveena Karusala**, Aditya Vishwanath, Arkadeep Kumar, Aman Mangal, and Neha Kumar. 2018. Care as a Resource for Underserved Learning Environments. *PACM: Human-Computer Interaction: Computer-Supported Cooperative Work and Social Computing (CSCW).* Vol. 1: No 2. *Forthcoming.*

- **Karusala, N.**, Perrier, T. and Kumar, N. (2017). #ifafricawasabar: Participation on Twitter across African Borders. In: A. de Kosnik and K. Edwards, ed., *#Identity: Twitter and The Politics of Representation.* Ann Arbor: University of Michigan Press. *Forthcoming.*

- Neha Kumar, **Naveena Karusala**, Aaditeshwar Seth, and Biswajit Patra. 2017. Usability, Tested? *Interactions, 27(4).*

- **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.

- Neha Kumar, Rajesh Chandwani, and **Naveena Karusala**. 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.

PEER-REVIEWED ABSTRACTS

- **Naveena Karusala**, Trevor Perrier, and Neha Kumar. 2017. Twitter as an Across Border Social Media Platform: Who is Participating? Symposium Paper. ACM CHI 2017.

- Azra Ismail, **Naveena Karusala**, and Neha Kumar. 2017. Designing for Use and Non-Use: The Case of Neighborhood Clinics. Symposium Paper. ACM CHI 2017.

- **Naveena Karusala**, Michael Muller, and Neha Kumar. 2017. Taking a Feminist Approach to Feminist Futures. Workshop Paper. ACM CSCW 2017.

INVITED TALKS & PRESENTATIONS

10/17 — "Care as a Resource for Underserved Learning Environments" (Change Seminar at University of Washington)

10/17 — "Gender & ICTD" (Guest Lecture in CSEP 590: Information and Communication Technologies and International Development at University of Washington)

05/17 — "Women's Safety in Public Spaces: Examining the Efficacy of Panic Buttons in New Delhi" (ACM CHI 2017)

03/17 — "Feminist HCI & Healthcare" (Guest Lecture in CS 8803: Technology and Poverty at Georgia Tech)

INDUSTRY EXPERIENCE

Software Development Contractor, United Way (February 2017-June 2017)
Developed a goal-tracking dashboard for moderators and members of United Way's Achievement Club—a community that helps members create and achieve goals related to health, finance, education, and more.

Software Development Intern, Elavon Inc. (May 2014-July 2014)
Created a search tool for the company's internal project error log in order to increase efficiency of internal server monitoring. Also developed a basic administrative portal for the company's web development project.

EXTRACURRICULARS

Peer Educator, VOICE, Georgia Tech (January 2015-December 2016)
Provided sensitivity training on sexual assault issues on campus. Ran periodic awareness campaigns to publicize VOICE services.

Advisory Board Member, Georgia Tech Library, Georgia Tech (December 2014-December 2016)
Advised the Georgia Tech Library on students' needs and concerns. Prototyped the new virtual browsing system for the library renewal project.

Advisory Board Member, GT1000 Freshman Seminar, Georgia Tech (April 2014-December 2016)
Recruited and trained older students to mentor freshmen. Taught a weekly freshman seminar on leadership development at Georgia Tech.

SERVICE

Reviewer, ACM Conference on Human Factors in Computing Systems (CHI) 2017-2018
Reviewer, ACM Conference on Computer Supported CooperativeWork (CSCW) 2018

AWARDS & HONORS

College of Engineering Dean's Fellowship, University of Washington (2017)
President's Undergraduate Research Award, Georgia Tech (2016)

SKILLS

Programming Languages: Java, Python, C, Assembly, Bash, HTML, CSS, SQL, R
Software: Axure, Git
Spoken Languages: Telugu (fluent), Spanish (basic), Hindi (aspirational)