

SUBHAYAN MUKERJEE

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EDUCATION	Ph.D. Communication 2020 (expected) University of Pennsylvania, Philadelphia, PA <i>Advisor:</i> Dr. Sandra González-Bailón <i>Dissertation:</i> News Reading Publics and Audience Fragmentation: Evidence from Online India
	M.A. Communication 2017 University of Pennsylvania, Philadelphia, PA
	M.Sc. (Honours) Mathematics 2014 BITS-Pilani, Pilani, Rajasthan, India
	B.E. (Honours) Computer Science 2014 BITS-Pilani, Pilani, Rajasthan, India
SKILLSET	Quantitative Methods: Network analysis, statistical modeling, machine learning, experimental design, agent-based modeling, causal inference, time series analysis
	Programming/Scripting: R (incl. <code>plyr</code> / <code>tidyverse</code> , <code>ggplot</code>), Python (incl. <code>pandas</code> , <code>numpy</code> , <code>scikit-learn</code> , <code>plotly</code>), SQL, Java, C++, C, L ^A T _E X, Git, JavaScript (basic).
PEER- REVIEWED PUBLICATIONS	Mukerjee, S. & González-Bailón, S., (2019) Social Media Data: Quantitative Analysis. In P. Atkinson, S. Delamont, A. Cernat, J.W. Sakshaug, & R.A. Williams (Eds.), <i>SAGE Research Methods Foundations</i>
	Mukerjee, S. , Majó-Vázquez, S., & González-Bailón, S. (2018). Networks of audience overlap in the consumption of digital news. <i>Journal of Communication</i> , 68(1), 26-50.
	Mukerjee, S. & Yang, T. (<i>revise & resubmit</i>) Choosing to Avoid? A Conjoint Experimental Study to Understand Selective Exposure and Avoidance on Facebook.
	Mukerjee, S. , Jaidka, L., & Lelkes, Y. (<i>under review</i>) The Ideological Landscape of Twitter Elites in America.
OTHER PUBLICATIONS	Majó-Vázquez, S., Mukerjee, S. , Ahmed Neyazi T., & Nielsen, R. K. (2019) Online Audience Engagement with Legacy and Digital-Born News Media in the 2019 Indian Elections. <i>Reuters Institute for the Study of Journalism Factsheet</i> .
	Mukerjee, S. (2012, June) An Open World. <i>Linux For You</i> (print magazine) 10(4) pp. 24-26
WORKING PAPERS	Mukerjee, S. , Yang, T., & González-Bailón, S. What Counts as a Weak Tie? A Comparison of Thresholding Techniques for Weighted Audience Networks (link)
	Mukerjee, S. News Reading Publics in a Multi-lingual Political Context: Evidence from Online India (link)

WORKS IN PROGRESS	Mukerjee, S., Jaidka, L., & Lelkes, Yphtach. Echo-Chambers and Affective Polarization: A Twitter field experiment	
	Mukerjee, S., Yang, J., Kang, D., & Okada, T. Networks of Partisan Social Influence: An Experimental Study of Political Polarization and Participation	
WORK EXPERIENCE	Research Assistant	May 2019 – Jun 2019
	University of Oxford , Oxford, UK	
	Preprocessed and analyzed web traffic data and Twitter data of online audiences during the 2019 Indian election using Python and R. Co-authored factsheet. link	
	Summer Intern	Jun 2016 – Aug 2016
	Harvard University , Cambridge, MA	
	Reviewed the literature, developed an index of openness for financial firms for the Digital Finance Initiative. Web-scraped and curated all Suspicious Activity Reports (SARs) of the FINCEN (link)	
	Data Scientist / Machine Learning Engineer	Jun 2014 – Jul 2015
	Abzooba Inc. , Kolkata, India	
	Fetched big datasets (> 50 GB) using Teradata queries, built predictive models (SVM, random forests) in R. Visualized communicated results using ggplot and Tableau to clients in the US health insurance domain	
	Software Engineering Intern	Jun 2013 – Jun 2014
	Bravo Lucy As. , Hyderabad, India	
	Developed (in Java) the server-side of a predictive analytics product for global retail chains.	
	Summer Intern	Jun 2012 – Jul 2012
	Ericsson Global Services , Kolkata, India	
	Designed and implemented a web platform for the company's internal training needs.	
ADDITIONAL TRAINING	Summer Institute in Computational Social Science <i>Northwestern University</i>	Jun 2019
	Network Dynamics of Social Behavior <i>University of Pennsylvania</i>	Apr 2018
	Mediterranean School of Complex Networks <i>Universitat Rovira i Virgili, Italy</i>	Sep 2017
	Scale Construction <i>University of Southern California</i>	Jun 2017
AWARDS AND FELLOWSHIPS	Seed Research Funding <i>SICSS, Chicago</i>	2019-20
	Student Research Grant <i>University of Pennsylvania</i>	2019
	Dissertation Research Fellowship <i>University of Pennsylvania</i>	2019-
	Dean's Summer Fellowship <i>University of Pennsylvania</i>	2015-2019
	Travel Scholarship <i>National Science Foundation</i>	2018-19
	Travel Scholarship <i>Northwestern University</i>	2018
PROFESSIONAL SERVICE	Doctoral Fellowship <i>University of Pennsylvania</i>	2015-20
	Manuscript Reviewer <i>Digital Journalism</i>	Ad-hoc
	Manuscript Reviewer <i>PLOS One</i>	Ad-hoc
	Manuscript Reviewer <i>International Communication Association</i>	2016-19
	Coordinator <i>DiMeNet research group, University of Pennsylvania</i>	2016-18
	Committee Member <i>Annenberg Graduate Student Symposium Committee</i>	2017-18
	Google Student Ambassador <i>Campus liaison at BITS Pilani</i>	2012-13
	Coordinator <i>Computer Science Association, BITS Pilani</i>	2011-12
	Member <i>English Press Club, BITS Pilani</i>	2009-14