

Rumman Chowdhury

Senior Manager Artificial Intelligence
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Profile

My passion lies at the intersection of artificial intelligence and humanity. I come to data science from a quantitative social science background. Currently, I am a Senior Principal at Accenture, working on cutting-edge applications of Artificial Intelligence and leading our Strategic Global Initiative on Responsible Artificial Intelligence. In my job I advise companies on ethical AI practices and work with organizations such as the World Economic Forum, and the IEEE's Wellbeing Metrics Standard for Ethical Artificial Intelligence and Autonomous Systems. In 2017 I was selected as one of the [BBC 100 women](#) as a part of #Teamlead tasked with tackling the glass ceiling by creating an app that can teach women to 'lean in' during meetings. In my spare time I serve on the Board of Directors for multiple AI startups and an AI mentor for Katapult Accelerator, an impact tech accelerator in Oslo, Norway, and am a teacher and advisor at a data camp startup that helps refugees learn skills for the digital economy. I'm a Forbes Tech contributing author and have been named by InformationWeek as one of [10 influential AI and machine learning experts to follow on Twitter](#).

I hold two undergraduate degrees from MIT, a master's degree in Quantitative Methods of the Social Sciences from Columbia University, and a doctorate in political science from the University of California, San Diego.

For the most up-to-date information - including my blog, downloadable resume, speaking engagements, and contact info, please check out my website: www.rummanchowdhury.com

Experience

Senior Principal, Global Lead of Ethical Artificial Intelligence, Accenture, San Francisco CA – 2017-Present

At Accenture, the Emerging Technology group is responsible for incubating the next generation of Accenture's technology services. By partnering with Accenture Technology Labs, Emerging Technology Delivery and the Technology Industry Ecosystem, it provides expert services to identify, pursue and deliver advanced and emerging technologies with pioneering clients.

Senior Data Scientist, Metis, San Francisco CA – 2016-2017

As a lead instructor in two 12- week bootcamps per year. We use a project-based, industry-focused curriculum to train new data scientists. This role also promotes thought leadership - I am an active participant and speaker at data science conferences around the country, and the co-organizer of the SF Metis Meetup group. As a corporate trainer, I use my skills to help companies fully meet their data science potential. Prior clients include Capital One, Aetna, and Nielsen.

Manager Data Science, Quotient Technologies, Mountain View CA – 2015-2016

Managed a team of data scientists responsible for quantifying a deep understanding of consumer behavior patterns and motivations through analysis of consumer response to product and marketing strategies and tactics. We were responsible for company-wide scaling of my award-winning media model, and had begun a project to generate an incremental media impact model to inform MMM.

Analytics Scientist, Quotient Technologies, Mountain View Ca – 2014-2015

Member of a newly-formed Data Science team. I conceived and executed projects in collaboration with senior leadership on my team and in Engineering, BI, Product, and Operations. Working with Strategy and Operations, I developed and implemented a personalized targeted media model based on real-time purchase behavior. In order to identify targets within our consumers, I executed an h-cluster analysis of spend behavior to create an empirical model of consumer segmentation. I also instituted scaleable and standardized performance benchmarks across multiple retailers and brands. I was responsible for being the voice for data science and analytics in developing our new data model with our BI and Engineering teams.

Associate Director for Forecast Operations Princeton Brand Econometrics Technologies, New York NY – 2007-2009

End-to-end implementation of client needs for econometric analyses to generate forecasts, optimizations, and simulators. Strong project management component, including directing programmers and field houses and coordinating with clients

Education

University of California San Diego – PhD in Political Science, 2017

Columbia University – MS Quantitative Methods of the Social Sciences, 2006

Massachusetts Institute of Technology – BS Political Science, 2003

Massachusetts Institute of Technology – BS Management Science, 2003

Skills

Data Analytics, Statistics, Data Mining, Big Data, Qualitative Research, Quantitative Analysis, Machine Learning, R, State, Data Mining, Hadoop, Python, SQL, Gephi, ArcGIS, MapReduce, LaTeX, Knime.

Awards

Strata/Hadoop Data Impact Award – September 2015

BBC 100 Women – September 2017