

## SHEKHAR CHATTERJEE

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## EDUCATION

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B. Sc. (Hons) Computer Science & Entrepreneurship	Ashoka University	2020	-
Global Accelerator Program	National University of Singapore	2019	

## RESEARCH

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1. **Digital Transformation** framework for MSMEs (Mr Sanjeev Prasad, ex-CIO, **Genpact India**)
2. Anonymous **encrypted survey system** (Prof Debayan Gupta, **Massachusetts Institute of Technology**)
3. Using **sentiment analysis** to predict scores for hotels (Prof. **Anirban Mondal**, Sr Research Scientist, Xerox)
4. Analysed **Performance Of Companies** using SEC 10K Reports (Prof **Anirban Mondal**, Sr Research Scientist, Xerox)
5. Analysed **User purchase behavior** in retail (Prof **Anirban Mondal**, Sr Research Scientist, Xerox)
6. **Predicted likeliness of illness** using symptoms and past medical history (**Debargha Ganguly**, BasicCare)

## WORK EXPERIENCE

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<b>COTTON ASSOCIATION OF INDIA</b>   <i>Software Engineer</i>	Jul '19 – Present
Transforming the trading platform for Cotton Association of India, to facilitate commodity trading with BSE and MCX Index. CAI clocks more than a billion dollar in revenues every financial year.	
<b>HARVARD US-INDIA INITIATIVE</b>   <i>Technology Director</i>	Jul '17 – Present
Developed the complete backend delegate portal to process applications, payments, event-day logistics, developed an e-certificate and verification system to validate all certificates ever issued	
<b>SMARTCITIZEN LABS PRIVATE LIMITED</b>   <i>Co-Founder and Full Stack Developer</i>	Jul '16 – Present
An emergency reporting platform that works on a <b>patented</b> algorithm that helps report emergency in < 7 secs Incorporated the company. In talks with potential investors and partners for <b>seed funding</b> and pilot project Used K-Means Clustering, AWS Lambda, EC2, S3, SNS, Machine Learning Engine.	
<b>ACOUSTIC FITNESS COMPANY</b>   <i>Co-Founder and Back-end Developer</i>	Jul '16 – Oct' 18
AcousFit synchronizes your favorite music with your steps per minute. A social network for fitness enthusiasts Implement Page Rank Algorithm (used by Facebook to rank posts on the news feed)	

## INTERSHIPS AND PROJECTS

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<b>TRIVEDI CENTRE FOR POLITICAL DATA</b>   <i>Summer Research Intern</i>	Jul '18 – Aug '18
Mined election and constituencies data for Haryana State from PRI Elections using Python and Selenium Contributing to data science models on election data and predictions (lokhaba.ashoka.edu.in).	
<b>OFFICE OF ADMISSIONS AND FINANCIAL AID</b>   <i>Summer Intern</i>	May '18 – Jul '18
Developed an intermediate platform for all accepted kids for communications from the office The portal facilitated local meet-ups, documentations of incoming freshmen, and other communications	
<b>ANWESHA ENGINEERING AND PROJECTS LIMITED</b>   <i>Software Developer Intern</i>	May '16 – Jul '16
Developed an end-to-end vendor management application using PHP, JavaScript, AJAX, MySQL The application facilitated vendor registrations, payments, and stock and warehouse management	

## AWARDS AND ACCOMPLISHMENTS

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**Runners-up, Start-up Ashoka** [17/11/2018] Won Seed Grant of Rs 15000. Around 58 participating Ideas.  
**Keynote Speaker and Judge, The Pitches**, Start-up Weekend 3.0, Thapar University [3/02/2018]  
**Keynote Speaker, AIESEC Udaipur Youth to Business** [25/04/2015] An audience of 800+  
**Guest Speaker and Panelist, AIESEC Vadodara Youth to Business** [05/04/2015] An audience of 600+  
**Youngest CEO, Times of India** [14/06/2014] Article republished by Dainik Bhaskar, Aaj Tak TV and News Nation.  
**Gold Medallist, National Website Designing Competition**. Organized by Computer Society of India.

## PROFESSIONAL COURSES

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**Data Science Specialization – IBM** (with Capstone Project), January 2019 (Specialization of 9 courses)  
Course on **Big Data** by Professor Jennifer Widom (**Dean of Engineering, Stanford University**)  
**Go Programming Language Specialization** – UC Irvine, December 2018 (Specialization of 3 courses)  
Individual Courses in **Cryptography** (Stanford), **Machine Learning** (Stanford), **Google Cloud** (Google)