

Education:

- January 2020 - Present: **PhD. CSE, Indraprastha Institute of Technology (IIIT) Delhi: 8.5/10 (Sem 1)**
 - **Supervisors:** Dr Tanmoy Chakraborty, Dr Vikram Goyal
 - **Industry Mentor:** Dr. Amitava Das (Wipro AI)
- 2012 - 2016: **B.Tech CSE, Jamia Millia Islamia: CGPA 9.55/10 (Department Rank: 4/75)**
 - **Undergraduate Thesis:** Fuzzy Taxonomy Extraction on Big Data [Code](#)
 - **Supervisors:** Dr Tanvir Ahmad, Rafeeq Ahmad

Research Publications:

- **Sarah Masud**, Subhabrata Dutta, Sakshi Makkar, Chhavi Jain, Vikram Goyal, Amitava Das, Tanmoy Chakraborty. *Hate is the New Infodemic: A Topic-aware Modeling of Hate Speech Diffusion on Twitter*, **IEEE ICDE 2021** (A Core A* conference). [Paper](#) [Code](#)
- Subhabrata Dutta, **Sarah Masud**, Soumen Chakrabarti and Tanmoy Chakraborty. *Deep Exogenous and Endogenous Influence Combination for Social Chatter Intensity Prediction*, **ACM SIGKDD, 2020**. (A Core A* conference). [Paper](#), [Code](#)
- Tanvir Ahmad, Rafeeq Ahmad, **Sarah Masud**, Farheen Nilofer. *Framework to Extract Context Vectors from Unstructured Data using Big Data Analytics*, **9th IC3, 2016**. [Paper](#), [Code](#)

Work Experience:

- **Research:**
 - **Research Associate - LCS2, IIIT Delhi, India (August 2019 - December 2019)**
 - Policy Research Intern - WERP India Pvt. Ltd. (March 2019 - May 2019)
- **Industry:**
 - **Data Scientist/Engineer - Red Hat (November 2016 - September 2018)** [Project](#)
 - Intern - Red Hat (June 2016 - October 2016) [Project](#)
 - Intern - DecisionStats (June 2015 - July 2015) [Project](#)
- **Selective Open Source Contributions:**
 - **Reviewer - Journal of Open Source Software (February 2020 - Present)** [Packages Reviewed](#)
 - Mentor - Google Code In 2019, Sysers (November 2019 - February 2020) [Project](#)
 - Mentor - Google Summer of Code 2018, Sysers (December 2017- August 2018) [Project](#)
 - Maintainer - First Contributors (January 2018 - Present) [Project](#)
 - Developer Intern - Mozilla Winter of Security, OWASP-ZAP (September 2014 - February 2015)
- **Selective Academic Projects:**
 - **HateViz-** Simulate and visualise the diffusion of hate comments on a sample Twitter network. [Blog](#)
 - **Snakes & Ladders-** A 2-player **command-line game** developed using **Ncurses**. [Code](#)

Selective Grants/Scholarships:

- AnitaB Travel Grant: Google I/O USA, 2019
- Google Travel Grant: Grace Hopper Conference USA, 2017
- University Merit Scholarships: Computer Engg. Department, Jamia Millia Islamia, 20[12, 13, 14]

Selective Community Engagement:

- **Committees:**
 - **Core Member: AnitaB Women in Artificial Intelligence Group, 2020**
 - Reviewer: IEEE RESPECT, 2020
 - Reviewer: Grace Hopper Conference USA, Data Science Track, 20[19, 20]
 - Reviewer: Grace Hopper Conference India, Data Science Track, 20[16, 17, 18, 19, 20]
 - Reviewer: Scipy USA, 20[18, 19, 20]
 - **Speaker:** [Complete List](#)
 - Workshop on Combating Fraud Activities using Data Science, IIIT-D, 2020
 - PyData Delhi, IIIT-D, 2019
 - Grace Hopper Conference USA, 20[17, 18]
-