SARAH MASUD: RESUME

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Education:

- January 2020 - Present: **Ph.D. CSE, Indraprastha Institute of Technology (IIIT) Delhi :** 8.5/10 (till Semester 1)
  - **Supervisors:** Dr. Tanmoy Chakraborty, Dr. Vikram Goyal
  - **Industry Mentor:** Dr. Amitava Das
  - Project Sponsor: 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:

- Subhabrata Dutta, **Sarah Masud**, Sakshi Makkar, Chhavi Jain, Vikram Goyal, Amitava Das, Tanmoy Chakraborty. Hate is the New Infodemic: Modeling and Visualizing Hate Speech Diffusion on Twitter, **ICDE 2020 (Under Review) 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, Systers (November 2019 - February 2020) Project
  - Mentor - Google Summer of Code 2018, Systers (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:**
  - Information Retrieval Coursework: **Hate Speech Diffusion Visualization.** Simulate and visualize the diffusion of hate comments on a sample Twitter network. **Blog**
  - Interprocess Communication Coursework: **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]