

Punyajoy Saha

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Skills

- Experienced in Natural Language Processing Tasks
- Participation in machine learning competitions
- Leading and managing projects.

Research Experiences

MAY 2019 - PRESENT

- **Cnerg Lab, IIT Kharagpur**- *PhD (through Junior Research Fellow) sponsored by the project "Cognitive Stimuli : Detecting and Generating Exaggeration in Online and Social Media Content" (CSAM).*

AUGUST 2019 - SEPTEMBER 2019

- **Language Technology Group, University of Hamburg, Germany**-*Intern, worked on developing backend for Forum 4.0 project.*

MAY 2018 - APRIL 2019

- **Cnerg Lab, IIT Kharagpur**-*Intern, worked on Detection of Hate Speech in Online Social Networks.*

MAY 2017 - JULY 2017

- **Neurocomputing Lab, IIT Delhi** -*Intern, worked on Analysis of Hindi letters and Hindi documents comprehension using Eye Tracking.*

Education

JULY 2015 - MAY 2019

Indian Institute of Engineering Science and Technology , Shibpur -
B.Tech in Computer Science and Technology

- Graduated with CGPA of 8.93
- Computer Vision Head at Robodarshan, the robotics club of Indian Institute of Engineering, Science and Technology Shibpur(2017-18) .

APRIL 2013 - MARCH 2015

Kendriya Vidyalaya Sec-4 R.K Puram – Science Stream

- Qualified AISSCE exam with 94.2%
- Activities and Societies : Quiz, Debate, Drawing Club..

Awards and Achievements

- Winner of offensive speech detection competition for German language at [HASOC 2019](#)
- The preprint “Hateminers: Detecting hatespeech against women” got recognised as best preprint of the week. [See here](#)
- Winner of the misogynistic text classification competition for English language in [AMI Evalita-2018](#).
- The paper “ Modifications of KNN algorithm” own the best paper award in FOSET Paper presentation. [See here](#)

Publications

1. The paper “HateMonitors: Language Agnostic AbuseDetection in Social Media” was accepted at HASOC track in [FIRE 2019](#), Kolkata
2. The paper “Thou shalt not hate: Countering Online Hatespeech” was accepted at the international conference- [ICWSM-2019](#), Munich, Germany. [Paper](#).
3. The paper “Effect of Devanagari Font Type in Reading Comprehension: An Eye Tracking Study” was presented at the international conference [IHCI-2018](#), Allahabad, India. The paper was also a part of the book “Lecture Notes in Computer Science” published by Springer. [Paper](#).
4. The paper “Document categorisation using graph structuring” was presented at the international conference [ICCACP-2017](#), Sikkim, India. [Paper](#)

Talks

- Invited talk on the topic of “Generative Adversarial Network” along with a short demo presented at the Deep Learning Workshop at IEST, Shibpur. [Link](#)

Referees

- Prof. Animesh Mukherjee, Associate Professor in Computer Science and Engineering, IIT Kharagpur, animeshm@cse.iitkgp.ac.in.
- Prof. Pawan Goyal, Assistant Professor in Computer Science and Engineering, IIT Kharagpur, pawang.iitk@gmail.com.
- Prof. Jaya Sil, Professor in the Department of Science and Technology, IEST Shibpur, jayaiiests@gmail.com.
- Prof. Tapan Kumar Gandhi, Associate Professor in the Department of Electrical Engineering, IIT Delhi, tgandhi@iitd.ac.in.