RAJDEEP MUKHERJEE

P-107/A, Unique Park, Behala, Kolkata - 700034, West Bengal, India

📞 +91-9836205250   🏠 rajdeep345.github.io   ✉ rajdeep1989.iitkgp@gmail.com   💼 rajdeepMukherjee89   ⬡ rajdeep345

Education

Indian Institute of Technology (IIT) Kharagpur   Jan. 2018 – Nov. 2023 (expected)
Ph.D. in Computer Science and Engineering (Supervisor: Prof. Pawan Goyal)   *Kharagpur, India*

Indraprastha Institute of Information Technology (IIIT) Delhi   Jul. 2015 – Jul. 2017
M.Tech in Computer Science and Engineering (CGPA: 9.11 | M.Tech Thesis)   *Delhi, India*

Jadavpur University   Jul. 2007 – Jun. 2011
Bachelor of Engineering in Information Technology (CGPA: 8.59 | Bachelors Thesis)   *Kolkata, India*

Experience

Amazon Science   Apr. 2023 – Oct. 2023
Applied Scientist II Intern   *Bangalore, India*
- Worked with Sachin Farfade towards improving customer search experience on e-commerce websites using LLMs.

IBM Research Labs   May 2018 – Jul. 2018
Summer Research Intern   *Delhi, India*
- Worked with Dipyaman Banerjee and Kuntal Dey.
- Our work on **Bird Audio Detection** was accepted as a **Poster** at DCASE2018 Workshop, Surrey, UK (Nov. 2018).

PricewaterhouseCoopers (PwC) India   Aug. 2011 – Jul. 2015
Technology Consultant   *Kolkata, India*

Selected Publications (Full list available *here*)

CONTRASTE: Supervised Contrastive Pre-training With Aspect-based Prompts For Aspect Sentiment Triplet Extraction (Paper | Code)   *EMNLP 2023*
Rajdeep Mukherjee, *Nithish Kannen, Saurabh Kumar Pandey, Pawan Goyal*

MILDSum: A Novel Benchmark Dataset for Multilingual Summarization of Indian Legal Case Judgments (Paper | Dataset & Codes)   *EMNLP 2023*
Debtanu Datta, Shubham Soni, **Rajdeep Mukherjee**, *Saptarshi Ghosh*

ECTSum: A New Benchmark Dataset For Bullet Point Summarization of Long Earnings Call Transcripts (Paper | Poster | Slides | Dataset & Codes | Video | Citation)   *EMNLP 2022*
Rajdeep Mukherjee, *Abhinav Bohra, Akash Banerjee, Soumya Sharma, Manjunath Hegde, Afreen Shaikh, Shivani Shrivastava, Koustuv Dasgupta, Niloy Ganguly, Saptarshi Ghosh, Pawan Goyal*

MTLTS: A Multi-Task Framework To Obtain Trustworthy Summaries From Crisis-Related Microblogs (Paper | Poster | Slides | Code | Video | Citation)   *WSDM 2022*
Rajdeep Mukherjee, *Uppada Vishnu*, Hari Chandana Peruri*, Sourangshu Bhattacharya, Koustav Rudra, Pawan Goyal, Niloy Ganguly*

PASTE: A Tagging-Free Decoding Framework Using Pointer Networks for Aspect Sentiment Triplet Extraction (Paper | Poster | Slides | Code | Video | Citation)   *EMNLP 2021*
Rajdeep Mukherjee, *Tapas Nayak, Yash Butala, Sourangshu Bhattacharya, Pawan Goyal*

Other Activities / Awards

Professional / Extracurricular
- PC Member: AAAI['24,'23], WSDM'24, EMNLP['23,'22], ACL'23, EACL'23, SIGIR'22
- Reviewer/Sub-Reviewer: AAAI['24,'23], WSDM'24, EMNLP['23,'22,'20], ACL['23,'22], EACL'23, SIGIR['22,'21], etc.
- Vocalist and Judge, Eastern Technology Music Society (ETMS), IIT Kharagpur.

Awards
- EMNLP 2022 Student Volunteer, Microsoft Research Travel Grant '21, SIGIR Student Travel Grant ['22, '21, '20].
- TCS Best Student Project Award and University Gold Medal, jointly awarded by TCS and Jadavpur University (2011).