

Tuhin Chakrabarty

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Education

Academic Qualifications.....

- **Columbia University** **NY,NY**
MS, Computer Science,3.83 **2017–2019**
- **Jadavpur University** **Kolkata, IN**
BS, Computer Science Engineering,3.9 **2010–2014**

Research.....

- **Masters Thesis (Ongoing):**
End to End Argumentation Mining on Dialogue and its Role in Persuasion
Advisor : Kathleen Mckweon
Building models to identify argumentative components (Claims and Premise) in dialogue and finding Support or Attack Relations between them. As an end goal also trying to find semantics of the premises with respect to different modes of Persuasion(Logos , Pathos , Ethos)
- *Role of Ordering of sentences in Discourse Coherence*
Advisor : Kathleen Mckweon
Developed neural discourse coherence models to find the best ordering of sentences in a feedback message to increase persuasiveness .
- *Detecting Abusive Language using Deep Learning with Context Attention*
Advisor : Smaranda Muresan
Built a context aware attention model using stacked LSTM's to detect abuse in a better fashion . Improved over SOA on multiple benchmark abusive datasets.
- *Fact Extraction and Verification*
Advisor : Smaranda Muresan
Building better models for fact extraction and verification .

Publications

- IMHO Fine Tuning Improves Claim Detection
Tuhin Chakrabarty , Christopher Hidey ,Kathy Mckweon
Proceedings of NAACL , 2019
- ColumbiaNLP at SemEval-2019 Task 8: The Answer is Language Model Fine-tuning (2nd position)
Tuhin Chakrabarty , Smaranda Muresan
SEMEVAL 2019 , NAACL
- Robust Document Retrieval and Individual Evidence Modeling for Fact Extraction and Verification
Tuhin Chakrabarty , Tariq Alhindi ,Smaranda Muresan
Proceedings of the First Workshop on Fact Extraction and Verification , EMNLP 2018
- Abusive Language in Social Media: An Empirical Investigation
Tuhin Chakrabarty , Kilol Gupta , Smaranda Muresan
Under Submission at ACL Abusive Language Workshop , 2019
- Discourse Relation Prediction: Revisiting Word Pairs with Convolutional Networks
Siddharth Varia, Christopher Hidey, **Tuhin Chakrabarty** ,
Under Submission at IJCAI 2019

Previous Employment

- **Amazon.com ,Alexa Natural Language Understanding** **Boston,MA**
Applied Scientist Intern *May 2018 –August 2018*
Improving classification results of Alexa NLU utterances via diverse data generation using Weighted Finite State Transducers.
- **UBER,Risk Platform** **Hyderabad,IN**
Machine Learning Engineer *Jan 2016 –July 2017*
Improving transparency by preventing partner and credit card fraud in emerging markets using machine learning techniques .