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 models to find evidence from wikipedia for factual claim entailment.

Publications

- IMHO Fine Tuning Improves Claim Detection
  Tuhin Chakrabarty , Christopher Hidey ,Kathy Mckweon
  Under Submission at NAACL , 2019

- Abusive Language in Social Media: An Empirical Investigation
  Tuhin Chakrabarty , Kilol Gupta , Smaranda Muresan
  Under Submission at NAACL , 2019

- Fact Checking in Community Question Answering Forum
  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

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 .