

Tuhin Chakrabarty

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Education

Academic Qualifications.....

- **Columbia University** **NY,NY**
MS, Computer Science,3.91 **2017–2019**
- **Jadavpur University** **Kolkata, IN**
BS, Computer Science Engineering,3.9 **2010–2014**

Research.....

- **Masters Thesis :**
Transfer Learning for Argument Mining
Advisor : Kathleen Mckweon
Used recent state of art transfer learning techniques in Natural Language Processing to improve and progress state of art in Argument Mining . Invented novel corpus and ways to fine tune pretrained models.
- *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 & Verification*
Advisor : Smaranda Muresan
Building better models for fact extraction and verification .

Publications.....

- AMPERSAND: Argument Mining for PERSuasive online Discussions
Tuhin Chakrabarty , Christopher Hidey, Smaranda Muresan, Kathy McKeown and Alyssa Hwang
Under Submission at EMNLP 2019 , Hong Kong
- BUILD IT , BREAK IT , FIX IT : Deeper Insights on Fact Extraction and Verification
Christopher Hidey , **Tuhin Chakrabarty** , Tariq Alhindi, Siddharth Vaia ,
Smaranda Muresan, Kriste Kristovi
Under Submission at Transaction of the Association of Computational Linguistics (TACL)
- Discourse Relation Prediction: Revisiting Word Pairs with Convolutional Networks
Siddharth Varia, Christopher Hidey, **Tuhin Chakrabarty**
Proceedings of 20th Annual meeting of SIGDIAL, 2019
- Pay "Attention" to your Context when Classifying Abusive Language
Tuhin Chakrabarty , Kilol Gupta , Smaranda Muresan
Proceedings of 3rd Abusive Language Workshop , ACL 2019
- 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

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 .