Kaushik Amar Das

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EDUCATION

MTech in Computer Science and Enginnering   *CGPA: 9.60 / 10*
Indian Institute of Information Technology, Guwahati   *July 2018 - June 2020*

BTech in Computer Science and Enginnering   *CGPA: 7.04 / 10*
Assam Science and Technology University, India   *July 2014 - June 2018*

RESEARCH WORKS

Kaushik Amar Das, Arup Baruah, Ferdous Ahmed Barbhuiya and Kuntal Dey. KAFK at SemEval 2020 Task 12: Checkpoint Ensemble of Transformers for Hate Speech Classification. In *Proceedings of the 14th International Workshop on Semantic Evaluation*, COLING '20, Barcelona, Spain, December, 2020. Association for Computational Linguistics. *Accepted. Awaiting publication.*
Code: `https://github.com/cozek/OffensEval2020-code`

Kaushik Amar Das, Arup Baruah, Ferdous Ahmed Barbhuiya and Kuntal Dey. KAFK at SemEval 2020 Task 8: Extracting Features From Pre-trained Neural Networks To Classify Internet Memes. In *Proceedings of the 14th International Workshop on Semantic Evaluation*, COLING '20, Barcelona, Spain, December, 2020. Association for Computational Linguistics. *Accepted. Awaiting publication.*
Code: `https://github.com/cozek/memotion2020-code`

Kaushik Amar Das. Hate Speech Detection in Social Media. Masters Thesis under supervision of Ferdous Ahmed Barbhuiya. Indian Institute of Information Technology, Guwahati, India, June, 2020. online `https://github.com/cozek/hate-speech-detection-social-media`

Arup Baruah, **Kaushik Amar Das**, Ferdous Ahmed Barbhuiya and Kuntal Dey. Aggression Identification in English, Hindi and Bangla Text using BERT, RoBERTa and SVM. In *Proceedings of the Second Workshop on Trolling, Aggression and Cyberbullying*, LREC '20, pages 76–82, Marseille, France, May, 2020. European Language Resources Association. online `https://www.aclweb.org/anthology/2020.trac-1.12.pdf`
Code: `https://github.com/cozek/trac2020_submission`

Kaushik Amar Das, Ferdous Ahmed Barbhuiya. Team FalsePostive at HASOC 2019: Transfer-Learning for Detection and Classification of Hate Speech. In *Proceedings of the 11th annual meeting of the Forum for Information Retrieval Evaluation*, FIRE'19, Kolkata, India, December, 2019. CEUR-WS.org, online `http://ceur-ws.org/Vol-2517/T3-19.pdf`
Code: `https://github.com/cozek/hasoc-2019-falsepostive`

ACHIEVEMENTS

Ranked 2nd out of 10 in Misogynistic Aggression Identification subtask in the Hindi language using XLM - RoBERTa in the second workshop on Trolling, Aggression and Cyberbullying - 2020

Ranked 9th out of 29 in Humor Classification task of SemEval 2020 Task 8, Memotion Analysis, using EfficientNet.

OTHER PROJECTS

Smart Garbage Management and Monitoring System   *March-May 2019*
Class Project under Instructor Asst. Prof. Rakesh Matam, IIIT Guwahati
Developed a smart garbage management system that would alert the concerned authorities when the dustbins are full and need emptying and monitor the status of the dustbins in real-time.
Technology Used: Python, Raspberry Pi, AWS EC2, AWS SNS, AWS IoT Core

Twitter Sentimental Analysis using Apache Spark and Kafka   *April - May 2019*
Class Project under Instructor Asst. Prof. Dip Sankar Banerjee, IIIT Guwahati
Mined tweets with certain hashtags from Twitter and pipelined it through Apache Kafka to Apache Spark's streaming API and analyzed their sentiment.
Technology Used: Docker, Apache Spark, Apache Kafka, Apache Toree, Scala

Result Portal   *Oct - Nov 2018*
Class Project under Instructor Prof. Gautam Barua, IIIT Guwahati
Developed an online portal where the semester results of the students would be uploaded and managed.
Technology Used: XAMPP, PHP, MySQL, HTML, CSS, Bootstrap.

Intl. Local Search for solving computationally hard problems   *Jan - June 2018*
Under the guidance of Asst. Prof. Arnab Kr. Mishra, Royal Global University
Evaluated the performance of various algorithms for solving computationally hard problems.
Technology Used: Python

TECHNICAL SUMMARY

Programming	Proficient: Python
	Amateur: C++
	Previous Experience: Scala, Java, MATLAB, PHP, C
Markdown	HTML, CSS, Bootstrap
Environments	Windows, Linux
Software Tools	Jupyter Notebook, VSCode, Docker
Frameworks	Numpy, Pandas, Scikit-Learn, NLTK, Keras, PyTorch, Apache Spark
	Apache Hadoop, Apache Hive

INTERNSHIP AND CERTIFICATION

Deep Learning Specialization   *June 2019*
by deeplearning.ai on Coursera

Machine Learning   *May 2019*
by Stanford University on Coursera

Cloud Computing Certification   *Aug - Sep 2018*
by IIT Kharagpur on NPTEL