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Github: https://github.com/Andrews2017
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Education

Master in Computer Science, University of Electronic Science and Technology of China (UESTC)   Sep 2019 – Jul 2021
Advisors: Hong Qu
Thesis title: Text Classification for African Low-resource Languages: A case study of Kinyarwanda and Kirundi.

Bachelor in Computer Science, UESTC   Sep 2015 – Jul 2019
Thesis title: Deep Learning and Its Application in Text Classification

Chinese language, UESTC   Sep 2014 – Jul 2015

Employment

Research Assistant   Oct 2021 – Aug 2022
Polytechnic University of Catalonia, Barcelona, Spain
Research group: MT@UPC

AI Research & Development Intern   Jul 2021 – Sep 2021
Huawei, Chengdu, China
Supervisor: Wei Chen

AI Engineer Intern   Jan 2021 – Apr 2021
Whalecloud (Alibaba owned company), Guangzhou, China
Supervisor: Chi Ma

Publications

A. Nzeyimana and **R. A. Niyongabo**. *KinyaBERT: A Morphology-aware Kinyarwanda Language Model.* Accepted at the 60th Annual Meeting of the Association for Computational Linguistics (ACL), 2022.
Link: https://openreview.net/forum?id=AunN5vQYjsB

I. Caswell, J. Kreutzer, et al. including **R. A. Niyongabo**. *Quality at a Glance: An Audit of Web-Crawled Multilingual Datasets.* Transactions of the Association for Computational Linguistics (TACL), 2022.
Link: https://doi.org/10.1162/tacl_a_00447

S. Gehrmann, T. Adewumi, et al. including **R. A. Niyongabo**. *The GEM Benchmark: Natural Language Generation, its Evaluation and Metrics.* In the Proceedings of the 1st Workshop on Natural Language Generation, Evaluation, and Metrics (GEM), 2021.
Link: https://aclanthology.org/2021.gem-1.10

D. Moges, **R. A. Niyongabo**, and H. Qu. *Multi-Perspective Reasoning Transformers.* International Conference on Machine Learning and Computing (ICMLC), 2021.
Link: https://dl.acm.org/doi/abs/10.1145/3457682.3457759

D. I. Adelani, J. Abbott, et al. including **R. A. Niyongabo**. *MasakhaNER: Named Entity Recognition for African Languages.* Transactions of the Association for Computational Linguistics (TACL), 2021.
Link: https://doi.org/10.1162/tacl_a_00416

R. A. Niyongabo, H. Qu, J. Kreutzer, and H. Li. *KINNEWS and KIRNEWS: Benchmarking Cross-Lingual Text Classification for Kinyarwanda and Kirundi.* The 28th International Conference on Computational Linguistics (COLING 2020).

W. Nekoto, V. Marivate et al. including **R. A. Niyongabo**. *Participatory Research for Low-resourced Machine Translation: A Case Study in African Languages.* (EMNLP-Findings 2020. :Equal contribution), 2020.
Link: https://www.aclweb.org/anthology/2020.findings-emnlp.195

Y. Liu, W. Chen, **R. A. Niyongabo**, H. Qu, and K. Miao. *Weakly-supervised Character-level Convolutional Neural Networks for Text Classification.* the 14th International FLINS Conference (FLINS), 2020.
Link: https://doi.org/10.1142/9789811223334_0084

F. A. Acheampong, H. Nunoo-Mensah, W. Chen, and **R. A. Niyongabo**. *Recognizing Emotions from Texts using a BERT-based Approach.* h International Computer Conference on Wavelet Active Media Technology and Information Processing (ICCWAMTIP), 2020.
Link: https://ieeexplore.ieee.org/abstract/document/9317523