

ALABI JESUJOBA OLUWADARA – CURRICULUM VITAE

CONTACT

Position: Research Engineer, ALMAAnaCH project-team, INRIA Paris

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Research Interests: NLP for low resource languages, Neural Machine Translation, Information Extraction, and Question Answering Systems

EDUCATION

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| • Universität des Saarlandes, Saarbrücken, Germany
M. Sc. Computer Science | <i>Oct. 2018 - Jul. 2021</i>
CGPA: 1.8 |
| • University of Ibadan, Ibadan, Nigeria
M. Sc. Computer Science (Distinction) | <i>Apr. 2017 - Feb. 2021</i>
Overall CGPA: 6.7/7 |
| • Bowen University, Iwo, Nigeria
B. Sc. (First Class Hons.) Computer Science | <i>Aug. 2011 - Jul. 2015</i>
Overall CGPA: 4.84/5 |

WORK EXPERIENCE

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| • Research Engineer, ALMAAnaCH project-team, INRIA Paris | Feb, 2022 – date |
| • Research Intern, Database and Information Systems group, MPI-I, Saarbrücken | Aug, 2021 – Jan, 2022 |
| • Research Assistant, Database and Information Systems group, MPI-I, Saarbrücken | Sep, 2020 – Jul, 2021 |
| • Research Assistant, Multilinguality and Language Technology, DFKI, Saarbrücken | Nov, 2019 – Jul, 2020 |
| • Application Developer, Dynamic Initiative Consult, Ibadan, Nigeria | Oct, 2016 – Sep, 2018 |
| • Graduate Teaching Assistant, Afe Babalola University, Ado-Ekiti, Nigeria | Jan, 2016 – Sep, 2016 |
| • Industrial Training Student, NIIT, Ibadan, Nigeria | Feb, 2014 – Aug, 2014 |

PUBLICATIONS

CONFERENCE/WORKSHOP PAPERS

1. **Jesujoba Alabi**, David Ifeoluwa Adelani, Marius Mosbach and Dietrich Klakow. Multilingual language model Adaptive Fine-Tuning: A Study on African Languages. *In Third AfricaNLP Workshop at ICLR, 2022.* (to appear)
2. Ernie Chang, **Jesujoba Oluwadara Alabi**, David Ifeoluwa Adelani and Vera Demberg. Dialogue Pidgin Text Adaptation via Contrastive Fine-Tuning. *In Third AfricaNLP Workshop at ICLR, 2022.* (to appear)
3. Svetlana Tchistiakova, **Jesujoba Alabi**, Koel Dutta Chowdhury, Sourav Dutta and Dana Ruiters. EdinSaar’s Submission to WMT2021 Multilingual Low-Resource North Germanic Translation Task. *In Sixth Conference on Machine Translation (WMT), 2021.*
4. Soumajit Pramanik, **Jesujoba Alabi**, Rishiraj Saha Roy, Gerhard Weikum. UNIQORN: Unified Question Answering over RDF Knowledge Graphs and Natural Language Text. *In arXiv, 2021.*

5. David Adelani, Dana Ruiter, **Jesujoba O. Alabi**, Damilola Adebajo, Adésinà Ayen, Mofetoluwa Adeyemi, Ayodele Awokoya and Cristina España-Bonet. The Effect of Domain and Diacritics in Yorùbá-English Neural Machine Translation. *In MT Summit, 2021.*
6. David Adelani, Jade Abbott, Graham Neubig, ... , **Jesujoba O. Alabi**, ..., Tendai Marengereke and Salomey Osei. Named Entity Recognition for African Languages. *In TACL, 2021.* (Also accepted at AfricaNLP Workshop @ EACL 2021)
7. David Adelani, Dana Ruiter, **Jesujoba O. Alabi**, Damilola Adebajo, Adésinà Ayen, Mofetoluwa Adeyemi, Ayodele Awokoya and Cristina España-Bonet. MENYO-20k: A Multi-domain English-Yorùbá Corpus for Machine Translation and Domain Adaptation. *In Second AfricaNLP Workshop at EACL, 2021.*
8. Sourav Dutta, **Jesujoba O. Alabi**, Saptarashmi Bandyopadhyay, Dana Ruiter and Josef van Genabith. UdS-DFKI@WMT20: Unsupervised MT and Very Low Resource Supervised MT for German \leftrightarrow Upper Sorbian. *In Fifth Conference on Machine Translation (WMT), 2020.*
9. Michael A. Hedderich, David Adelani, Dawei Zhu, **Jesujoba Alabi**, Markus Udia and Dietrich Klakow. Transfer Learning and Distant Supervision for Multilingual Transformer Models: A Study on African Languages. *In Conference on Empirical Methods in Natural Language Processing (EMNLP), 2020.*
10. **Jesujoba O. Alabi**, Kwabena Amponsah-Kaakyire, David I. Adelani, and Cristina España-Bonet. Massive vs. Curated Word Embeddings for Low-Resourced Languages. The case of Yorùbá and Twi. *In 12th International Conference on Language Resources and Evaluation (LREC), 2020*
11. Ibitoye A O, **Alabi J O**, Adediran A O, Enhanced Electronic Health Referral System. *proceeding of the 6th International Conference on Mobile eServices and Workshop on Design Thinking, Nigeria.* 2015, 6: 102-111.

POSTER PRESENTATIONS

1. Jesujoba O. Alabi, David I. Adelani. Investigating the quality of pre-trained word embeddings in Yorùbá, a low-resource Language - *Black in AI Workshop(co-located with Neurips), 2019*

OTHER WRITINGS

1. Ibitoye A O, Borokini B, **Alabi J O**, Knowledge Based Performance Evaluation and Predictive Model for Undergraduate Students. *Asian Journal of Research in Computer Science* 2018, 2(3): 1-7.
2. Adeosun O O, Ibitoye A O, **Alabi J O**, REAL TIME E-BIOTECHNOLOGY VOTING SYSTEM; USING SECRET SPLITTING. *International Journal of Electronics Communication and Computer Engineering (IJECCCE)* 2015, 6: 624-627.

HONORS AND AWARDS

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| • 1st prize, AI4D Takwimu Lab - Machine Translation Challenge | 2021 |
| • Saarland Scholarship for International Students (STIBET III DAAD Graduation Grant) | 2020 |
| • Black in AI travel grant to attend the 2019 Neurips at Vancouver | 2019 |
| • Faculty Award for Best Graduating Student in the Faculty of Science and Science Education for 2014/2015 Academic Session | 2015 |
| • Vice-Chancellor's Prize for the Best Graduating Student in the Faculty of Science and Science Education for 2014/2015 Academic Session | 2015 |
| • New Horizon Laptop Prize for Best Graduating Student in the International Professional IT and E-Business Certification Program(CISCO CERT) for 2014/2015 Academic Session. | 2015 |
| • Rev. Leslie Tuller Memorial Scholarship (Bowen University) | 2014 |
| • Dean's Honors Roll Award List | 2012 |

TECHNICAL SKILLS

- Software Languages: Object Oriented Programming with Python and Java, R, JSP, Php
- Proficient in Machine Learning and Deep Learning
- Experience with Pytorch, Keras, Tensorflow and Scikit-learn, Fairseq, Open-NMT
- Software: RStudio, Anaconda-Navigator, Netbeans, Pycharm