

# ALABI JESUJOBA OLUWADARA – CURRICULUM VITAE

## CONTACT

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**Position:** Student Research Assistant, Database and Information Systems group, Max Planck Institute for Informatics, Saarbrücken

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**Homepage:** <https://ajesujoba.github.io/>

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

## EDUCATION

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- M. Sc. in Computer Science, *Universität des Saarlandes*, Saarbrücken, Germany. Oct. 2018 – Jul. 2021
- M. Sc. in Computer Science, *University of Ibadan*, Ibadan, Nigeria April 2017 – Feb. 2021
- B. Sc. in Computer Science, *Bowen University*, Iwo, Nigeria July 2011 – Aug. 2015

## WORK EXPERIENCE

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- Research Assistant, Database and Information Systems group, MPI-I, Saarbrücken Sep, 2020 – Aug, 2021
- Research Assistant, Multilinguality and Language Technology, DFKI, Saarbrücken Nov, 2019 – July, 2020
- Application Developer, Dynamic Initiative Consult, Ibadan, Nigeria Oct, 2016 – Oct, 2018
- Graduate Teaching Assistant, Afe Babalola University, Ado-Ekiti, Nigeria Jan, 2016 – Oct, 2016
- Industrial Training Student, NIIT, Ibadan, Nigeria Feb, 2014 – Aug, 2014

## PUBLICATIONS

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### CONFERENCE/WORKSHOP PAPERS

1. David Adelani, Dana Ruiter, **Jesujoba O. Alabi**, Damilola Adebajo, Adéşínà Ayení, Mofetoluwa Adeyemi, Ayodele Awokoya and Cristina España-Bonet. The Effect of Domain and Diacritics in Yorùbá-English Neural Machine Translation. *In MT Summit, 2021.*
2. 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)
3. David Adelani, Dana Ruiter, **Jesujoba O. Alabi**, Damilola Adebajo, Adéşínà Ayení, 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.*
4. 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↔Upper Sorbian. *In Fifth Conference on Machine Translation (WMT), 2020.*
5. 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.*

6. **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*
7. 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

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- 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

## PROJECTS

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- Self Supervised NMT for Low Resource Languages(Facebook Funded Project at DKFI)