

ALABI JESUJOBA OLUWADARA – CURRICULUM VITAE

CONTACT

Position: Research Assistant, Multilinguality and Language Technology, DFKI, Saarbrücken

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EDUCATION

- M. Sc. in Computer Science, *Universität des Saarlandes*, Saarbrücken, Germany 2018–Present
- M. Sc. in Computer Science, *University of Ibadan*, Ibadan, Nigeria (Suspended) 2017–Present
- B. Sc. in Computer Science, *Bowen University*, Iwo, Nigeria 2011-2015

COURSES TAKEN

- Core: Artificial Intelligence, Machine Learning, Database Systems
- Statistical Natural Language Processing, Statistics with R, Embeddings for NLP and IR (Seminar), Machine Learning in NLP (Seminar)
- Natural Language Generation, Hand-on Networking, Information Extraction, Neural Networks: Theory and Implementation
- Knowledge Representation and Reasoning, Advanced Programming Technique (Java), Introduction to Human Computer Interaction, Internet Technology
- Enrolled for : Question Answering Systems - Dr. Rishiraj Saha Roy (MPII Saarbrücken)

TECHNICAL SKILLS

- Software Languages: Object Oriented Programming with Python and Java, R, JSP, Php
- Design and Simulation Tools: Multisim, MATLAB, Cisco Packet Tracer,
- Proficient in Machine Learning and Deep Learning
- Experience with Pytorch, Keras, Tensorflow and Scikit-learn, Fairseq, Open-NMT
- Software: Weka, RStudio, Anaconda-Navigator, Netbeans, Pycharm

PROJECTS

- Pruning Private Neural Networks (Representation Learning Project with LSV group Saarland University)
- Self Supervised NMT for Low Resource Languages (Facebook Funded Project at DFKI)
- Offensive Language Detection on Twitter (SNLP Semester Project)
- Image segmentation using scalable Spectral Clustering
- Neural Text Classification Neural Text Summarization
- Image classification using deep learning, AlexNet Architecture and Pre-trained Model all done using Keras

WORK EXPERIENCE

- Research Assistant, Multilinguality and Language Technology, DFKI, Saarbrücken Oct, 2019–Present
- 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

HONORS AND AWARDS

- 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
- Dean's Honors Roll Award List 2012
- Third and Second Best Student in Sciences 2009/2010

PUBLICATIONS

CONFERENCE PAPERS

1. 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. *Short paper submitted for EMNLP 2020*
2. **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*
3. 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 (IJECC)* 2015, 6: 624-627.