ALABI JESUJOBA OLUWADARA – Curriculum Vitae

Contact

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

- M. Sc. in Computer Science, *Universität des Saarlandes*, Saarbrücken, Germany. GPA: 1.9   2018–Present
- M. Sc. in Computer Science, *University of Ibadan*, Ibadan, Nigeria (Suspended)   2017–Present
- B. Sc. in Computer Science, *Bowen University*, Iwo, Nigeria GPA: 4.84/5   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, Question Answering Systems
- Knowledge Representation and Reasoning, Advanced Programming Technique(Java), Introduction to Human Computer Interaction, Internet Technology

Publications

Conference/Workshop Papers

1. 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.* (to appear)

2. 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.* (to appear)

3. **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*

4. 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 SPLITING. *International Journal of Electronics Communication and Computer Engineering* (*IJECCE*) 2015, 6: 624-627.

Work Experience

- Research Assistant, Database and Information Systems group, MPI-I, Saarbrücken   Sep, 2020 – date
- Research Assistant, Multilinguality and Language Technology, DFKI, Saarbrücken   Oct, 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

Technical Skills

- Software Languages: Object Oriented Programming with Python and Java, R, JSP, Php
- Deign 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

- WMT20: Unsupervised MT and Very Low Resource Supervised MT
- Self Supervised NMT for Low Resource Languages(Facebook Funded Project at DKFI)
- Offensive Language Detection on Twitter (SNLP Semester Project)
- Image segmentation using scalable Spectral Clustering
- Image classification using deep learning, AlexNet Architecture and Pre-trained Model all done using Keras

Honors And Awards

- 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
- Dean's Honors Roll Award List   2012