Omololu Makinde

Contact

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Skill Highlights

Language
- Python
- Java
- R
- SQL
- NoSQL

Machine learning libraries
- Keras
- Tensorflow
- Scikit-learn

Techniques
- Natural language processing (NLP)
- Deep Learning
- Statistical analysis
- Data pre-processing
- Big data processing
- Data analytics

Cloud
- Amazon Web Services
- AWS sagemaker
- AWS Database Migration Service
- Apache Spark

Certification

AWS Certified Cloud Practitioner

Education

PhD Artificial intelligence with machine learning University of Bradford, United Kingdom	2019
MSc Information Technology Management University of Bradford, United Kingdom	2014
BSc Electronic and Computer Engineering Lagos State University, Nigeria	2009

Experience

January 2019 to July 2019
Lab Instructor for Data Driven Application Module, *University Of Bradford*
- Part of a team that managed a big data laboratory with a capacity of over 200 students
- Improved the student's knowledge in the application of SQL and NoSQL
- Guided students in the usage of big data tools in their applications
- Had a feedback of 70% ratings on the course

October 2014 to July 2019
Machine Learning Research Associate, *University Of Bradford*
- I headed a team that built a decision making model of the Metro Northern Rail, New York. It uses an evolutionary algorithm to Predicts passenger travel behaviour and overall rail demand. This model had 90% accuracy, and was used in predicting the emergent behaviour of passengers for any ticket pricing strategy applied. See: https://link.springer.com/chapter/10.1007/978-3-319-97982-3_10
- I headed a team that developed a Bayesian and graph model used in mining extracted tweeter data sets. This model predicted the outcome a reality show with up to 60% accuracy.
- Using Bayesian and graph networks i developed a model which served as a test bed for testing a computer network's vulnerability in the event of a viral attack. This model had an 80% accuracy

January 2010 to December 2012
Business Analyst, *ConEdge Consulting, Lagos*
- Engage client to gather software requirements/business rules, and ensure alignment with development teams
- Analyze client's business requirements and processes through document analysis, interviews, workshops, and workflow analysis.
- Identify and reconcile errors in client data to ensure accurate business requirements.
- Draft and maintain business requirements and align them with functional and technical requirements.
- Communicate client's business requirements by constructing easy- to-understand data and process models