



Bami Oni

Curriculum Vitae

Qualifications

- 2018–2019 **MSc in Data science (e-Science)**, *The University of Witwatersrand*, West Campus.
- 2016 **BSc Honours in Information Technology**, *The University of Johannesburg*, APK.
- 2013–2015 **BSc Computer Science and Informatics**, *The University of Johannesburg*, APK,
Majoring in Computer Science and Informatics
- 2011 **Matric Certificate**, *Roosevelt High School*, .

Experience

Full-time

Jan 2019–present **Intermediate Data Scientist**, ENTELECT, Melrose Arch.

Entelect Client - Rand Merchant Bank

Data Science Forecasted large corporate clients FY-Value to the Bank using Machine Learning

Data Science FX market forecasts using market technical indicators, news data, meta-heuristic optimisation methods and machine learning

Jan 2017–Dec 2018 **Data Scientist**, ENTELECT, Melrose Arch.

Entelect Client - Rand Merchant Bank

Data Science Client Segmentation and Topic modelling of business conservation streams using Clustering and LDA.

Statistical Analysis Response times distribution analysis from B2C

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- Statistical Analysis Graph analysis across client interaction mediums
- Data Science Correlation analysis across client trading patterns
- Data Engineering FNB cluster setup, testing and engagement across firstRand
- Data Science Entity resolution based on client names using pyspark and Engineering
- Software Engineering Consuming data from TIBCO queues
- Data Science Binary classification problem on personnel retention
- [Entelect Client - Nandos SA](#)
- BI Developer Worked on Month-end runs using SQL, DataWarehousing technology, SSRS, SSIS
- Jan 2017–Feb 2017 **Graduate**, ENTELECT GRADUATE BOOTCAMP, Melrose Arch.
- 2015–2016 **Assistant and Tutor for Computer Science and Informatics**, THE UNIVERSITY OF JOHANNESBURG, APK.
- [Vocational](#)
- 2019 **Data Science**, THE UNIVERSITY OF WITSWATERSRAND, Johannesburg.
Using Machine learning for Evidence Retrieval in Fact Checking (applicable to Fake News Detection)
- 2018 **Data Science**, THE UNIVERSITY OF WITSWATERSRAND, Johannesburg.
Restaurant supply chain optimization
- 2018 **Data Science**, THE UNIVERSITY OF WITSWATERSRAND, Johannesburg.
Crypto market predictor
- 2018 **Data Science**, THE UNIVERSITY OF WITSWATERSRAND, Johannesburg.
Phishing Email Classification
- 2016 **Data Science**, THE UNIVERSITY OF JOHANNESBURG, APK.
Factory Production Prediction

References:

Brandon Sibanda (Software Engineer at Entelect) - +27-84-092-4299
 Prof. Terence Van Zyl (Associate Professor in CSAM at University Of Witwatersrand) - +27-11-717-6073
 Vimal Singh (Team Manager at RMB) - +27-83-440-5779

Training

On-premise

- 2017 Entelect boot-camp training
- Data Science Hadoop ecosystem and Cluster setup Training

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Online

- Udemy Course Machine learning A-Z Hands-On Python and R in Data science
- Udemy Course Taming Big Data with Apache Spark Scala and Python
- Udemy Course Angular Complete guide
- Udemy Course Data Warehousing

Part-Time and University Projects

- 2019 Object Tracking application in Computer Vision using YoLo
- 2018 Blockchain development using Ethereum
- 2015 Sho't left App
- 2015 Free lancer Website

Computer skills and Mathematical Skills

- Basic Assembly, Linux
- Programming Languages Python (3 years+), Java (3 years+), SQL (2 year +), R (2 month), Pyspark (6 months), Spark Scala (8 months)
- Technologies SageMaker, Redshift, Amazon S3, Tensor Flow, and bare bone hadoop ecosystem and services like Hive, Notebooks, Oozie, Spark, Yarn, Hdfs, Kafka, Docker etc.
- Platforms AWS, Ambari, Google Cloud Engine
- Machine Learning Models ARIMA model variants, Multi-Linear Regression ANNs, CNNs, KNNs, Regressions, ARIMA, SVMs, Clustering, Reinforcement learning, decision trees, Random forests
- Technical Data Analysis and Exploration, NLP, Fact-Checking, Optimisation Problems, Object-Orientated Programming, Dimensionality Reduction
- Non-Technical Finding the Business Problem, Presenting ideas and findings, Explaining ML Models to Non-Tech audience, Positive Team Influencer, Client Advisory

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