

Senoamadi Phillemon Ntonna

Data Scientist

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Objective

My objective is to gain as much experience in Data Science as well as utilizing machine learning algorithms. I am currently looking for an opportunity to be part of a scientific environment that will allow me to fully utilize my soft skills and expertise. Getting the opportunity to further my knowledge and skills in mathematics, statistics and Machine Learning would be the best kick start of a route to reach my goal as a Senior Data Scientist.

Projects Involved

Company:	Council for Scientific Institute of Research (CSIR)
Project title:	Translate4me (NLP & Neural Networks)
Problem Statement:	Google translate and other platforms does not contain all South African languages.
Content:	Creating a web app for communication between different races Especially in business and education.
Company:	Council for Scientific Institute of Research (CSIR)
Project title:	Material Discovery (GAN & RL)
Problem Statement:	More time to create or discover new drugs in a laboratory.
Solution:	Discovering drugs of certain interest and novelty.
Company:	Council for Scientific Institute of Research (CSIR)
Project title:	Bolela (Bua) – (NLP & Markov Chains: Chat-Bot)
Problem Statement:	More and more people are moving to online platform for customer services.
Content:	Creating an automated machine that understand questions and give positive responds. Chat-bot.
Institute:	African Institute of Mathematical Sciences (AIMS)
Project title:	Wind Power Prediction using Machine Language Model Long Shot Term Memory (LSTM).
Problem Statement:	Non-renewable source of energy are facing major depletion year by year. It's a need to know when and plan prior.
Content:	Predicting wind speed for two stations using neural network

Career summary

Employer: **Council for Scientific Institute of Research (CSIR)**
Position: Junior Data Scientist (Contract)
Department: Modelling and digital science
Duties: Machine learning (Python)
Data Cleansing
Natural Language Processing
Data Wrangling
Cloud Computing (Google Computing power)
Programming with python
Presentations and Data Visualization(Python)
Start Date: 26 July 2018
End date: 31 February 2020

Employer: **National Research Fund (NRF and DST)**
Position: Internship (Statistics and Probability)
Department: Statistics
Duties: Data Capturing
Data Analysis
Start Date: 01 May 2017
End date: 08 January 2018

Employer: **DOE (Department of education)**
School: Tumakgole high School
Position: Contract Teacher
Department: Mathematics and Physics
Subjects: Mathematics (all grades), English grade 10 and Sepedi.
Start Date: 07 August 2015
End date: 31 May 2016

Employer: **J.E.C (Jeppe Education Centre)**
Position: Teacher (Grade 12 physical science)
Department: Physical Science
Duties: Teaching, filling, data capturing and Administration
Start Date: 02 February 2015
End Date: 03 August 2015

Education and Qualifications (Certifications)

2019/2020	Masters in Statistics (Image Processing of Nanoparticles) (in progress) University of Zululand, Kw- Zulu-Natal
2019	R-programming certificate (EDA and Data Analysis) Witwatersrand, Gauteng
2018	Masters in Mathematical (statistics, finance, data science, investment and Machine learning) (in progress) Stellenbosch (AIMS), Cape Town
2017	International Software Testing Qualification Board (ISTQB) Certification. Randburg, Gauteng
2014	Bachelor of Science honors (Statistics as a major) University of Limpopo, Turf-loop campus
2011–2013	Bachelor of Science in computer sciences (Mathematics and statistics as majors) University of Limpopo, Turf-loop campus
2010	Bachelor's Degree (Matric) Magogo Secondary School

Reference:

On Request.