

CONTACT DETAILS

Full Name: Hermanus Johannes Meyer
ID Number: 910520502089
Languages: Afrikaans and English
Cell Number: (+27)662214445
Physical address: 16 Mountain Road Cape Town.
E-mail Address: ernusmeyer@gmail.com
ernusmeyer1@hotmail.com

SUMMARY

I am a highly skilled data scientist with 3 years' experience, highly motivated and a self-starting individual that thrives under pressure.

My industries of experience include, telecommunications, financial services banking, Insurance, e-commerce and real-estate markets. In which my work included customer behavioural analytics, fraud detection, scoring, incident prediction, time-series analysis, and network coverage analysis. I have worked with – and set up data pipelines in SQL and no- SQL databases, including, Azure, AWS, SQL, Hadoop, and Google analytics, with experience in integrating and working in Spark, Python, R, Rapid Minor and SAP, and the deployment of machine learning models.

I have comprehensive experience in BI platforms with exposure in Agile, Confluence and DevOps procedures as well as business best practices, cost and resource saving methods, and extensive experience in various BI platforms, including but not limited to Qlik, Tableau, PowerBI and Zoho analytics as well as the integration with various CRM platforms, and KPI analysis

My Experience in Machine learning includes Linear and Logistic regression, clustering, KNN, Tree and Random forest models, Text analysis, SVM, and some experience in neural networks and deep learning, customer churn models, pattern identification, risk scorecard models, customer behavioural models, including Linear and Logistic regression, K- nearest Neighbours and Naïve Bias, Tree models, SVM, k-means clustering, regression techniques like Lasso and ridge regression, PCA and linear discriminant analysis, unbalanced learning (for Fraud or anomaly detection methods), Ensemble methods like random forest, gradient boosted forest and combination of various models and Neural networks, including time series analysis with LSTM, computer vision and image recognition and classification, Network Optimisation, Text Analysis and text interpretation, and evolutionary methods.

ACHIEVEMENTS

- Head Student Subject Representative of Physics and Chemistry – North-West University – 2012-2013. And Committee member of Exatomos (Student

Representative committee for the school of Physical Sciences at North West University Potchefstroom Campus)

- BSc Degree: Physics and Applied Mathematics
- Completed Certifications and Courses: Assertive Business Communication, Foundational 4-Pillars™ Data Science Course, and Applied Machine Learning and Developing Big Data Solutions with Azure. (Upper 90's Student)
- Courses Audited: The Analytics Edge

EDUCATION

SECONDARY

Institution: Potchefstroom Gymnasium
Qualifications: National Senior Certificate - Matric
Year: 2009

TERTIARY (Bachelor's Degree in Science)

Qualifications: BSc in Physics and Applied Mathematics North West University
Subjects: Physics (Core), Applied Mathematics (Core), Mathematics, Statistics, Programming, Philosophy and Ethics, Language and Writing Skills

CERTIFICATIONS

Institution: A5 Competence Evolution
Qualifications: Assertive Business Communication
Year: 2017
Code: A5CE0033
Instructor: Elizabeth Simpson

Institution: Big Data Analysis (www.bigdatanalysis.com)
Qualifications: Foundational 4-Pillars™ Data Science Course
Year: 2018
Code: Foundational 4-Pillars™ Of Knowledge
Instructor: Goran Dragosavac (Principle Data Scientist)

Institution: EdX
Qualifications: Machine Learning with Python: Linear Models to Deep Learning
Year: 2019
Code: MITx-6.86x

Institution: Coursera
Qualifications: Applied Machine Learning in python (98.8%)
Year: 2019
Code: STJ4WWTVYHR3
url: <https://www.coursera.org/account/accomplishments/verify/STJ4WWTVYHR3>

Institution: EdX
Qualifications: The Analytics Edge (R language)
Year: 2019
Code: MITx-15.071x

SKILLS

Communication skills, Leadership skills – developed through his role as Subject Representative of Physics and Mathematics, Mathematical modelling, Machine Learning, Neural Networks, Big Data, Spark, Azure ML Studio, Data lakes, SQL and no-SQL Databases, QlikView development, Advanced Analytics, Problem-solving skills and Corporate and Business communication skills

PROGRAMMING SKILLS

R, Python, Spark, Hadoop, Azure ML Studio, Databricks, MATLAB, Visual C, C++, SQL and XML Databases, C, PHP, Qlik, PowerBI, Arduino, RPA, Network penetration testing, Java, and advanced excel

COMPUTER LITERACY

MS Office, Linux (Ubuntu, KALI, Debian and Scientific Linux), BI and Analytics platforms, Azure Platform, Hadoop, Confluence, Zoho, PowerBI, CRM software, Docker, Windows and Linux OS systems (Debian, Ubuntu, Arc, Slackware and Kali)

CAREER DETAILS

Company: HouseME

Job Title: Data Scientist

Dates: JAN 2020 – APRIL 2020

Duties

- Set up Data Pipeline, using Azure, Knime, Daton and Stitch from various platforms, including Google analytics and Zoho CRM
- House Pricing Tool, using neural network with LSTM to predict Real Estate Prices taking to account area, type of property, seasonality changes and natural trends in Python.
- Develop experimental method to test multiple experiments with AB testing, and writing in article format, including hypothesis, method, results, analysis, conclusions, trends etc as well as experimental success, by analysing the effect of the experiment and accounting for natural occurring property trends
- ETL method for extracting various source data into analytics platforms

Company: Entelect

Job Title: Data Scientist

Dates: Aug 2019 – Nov 2019

Duties

- Onboarded for project for a insurance company in UK to develop risk models for drivers based on telematics, road usage, and behavioural data,
- develop a fault model to determine the fault party in incidents based on telematics data at time of incidents.
- score every customer based on behaviour.
- aggregate data for 3 months from data lakes.
- Write machine learning models in Pyspark Language, in Databricks and deploy the big data model with Azure ML Studio
- performed big data analysis.
- Tuning and bettering models to be applicable for large datasets.

Company: Hello Group

Job Title: Data Scientist

Dates: Feb 2017 – Current

Duties

- Design of Business models in QlikView and Qlik sense
- Advanced analytics in different parts of the business deriving optimal profitable solutions.
- Using Python and R to make predictions on business growth, customer behaviour analysis, Product analysis, supply chain and logistics, Telecommunications, Financial Services and e-commerce.
- Finding all problems with investigative analytics and coming up with business related achievable solutions based on the data.
- Using and designing machine learning and BI models for business solutions, including but not limited to linear and logistic regression, Clustering, KNN, Tree and Random forest models, Text analysis, SVM, and some experience in neural networks and deep learning.

Company: North-West University

Job Title: Facilitator and Demonstrator - Physics

Dates: January 2012 – December 2013

Reason for Leaving: This was a student role.

Duties

- Communicating with students regarding course content and practical.
- Demonstrating course content to students, ensuring good understanding.

REFERENCES

Tamira Gunzburg

- Title: Chief Marketing Officer
- Relationship: CMO and Main Stakeholder
- Contact Number: +27 81 393 9922
- E-mail 1: tamira@house.me

Tomislav Ravić

- Title: General Manager
- Relationship: General Manager at Entelect
- Contact Number: 082 448 9170
- E-mail 1: tomislav.ravic@entelect.co.za

Akira Sooful

- Title: Senior Data Scientist and team lead
- Relationship: Team lead on Project I was Onboarded for
- Contact Number: 0828567021
- E-mail 1:
akira.sooful@entelect.co.za