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| Waheeb Agherdien  Cape Town · 071 355 7960  Waheeb.agherdien@gmail.com · linkedin.com/in/waheeb-agherdien · wahe3bru.github.io |
| We are all drowning in data but starved for information  Dynamic Data Scientist with a drive for tackling goals and achieving success. Committed to optimizing and automating processes, with experienced in troubleshooting and overcoming challenges. Curious, lifelong learner that enjoys the communication of ideas and application of information. |

# Experience

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| Jan 2019 – PresentData Scientist, LogicalIS South AfricaPart of a newly created team tasked with investigating and exploiting opportunities within Logicalis Group and current customers, as well as developing the team.  * Created automated reports detailing and summarizing customers consumption of purchased block-hours with predicted date of depletion using regression algorithm. * Created Productivity Dashboards based on teams, roles and customers used by managers and team leads. * Developing Analytic tool set for Call Centres, involving predicting call volume, sale target, employee stats and achieving KPI targets. * Created automated project structure based on an agile template, including workflow and best practices. * Developed a telephone number scoring system for a local political party * Created POC Dashboard of sentiment analysis on political party based on tweets directed to the party as well as mentions (or commentary about the party) |
| Jun 2018 – jun 2018Data Scientist intern, Explore.AISelect students from EDSA were chosen to partake in initial stages of a new project involving an overseas municipal water company.  * Part of exploratory team building part of a data pipeline for a Proof of Value project. * Initial Exploratory Data Analysis of data, presenting findings and insights to supervisors and provided next steps.  Jan 2018 – nov 2018Data Scientist intern, BCXRemote work on projects for BXC Accelerate Department, that focuses on newer technology and develops proof of concept/value products for market testing.Anomaly Detection in MVP while interning at BCX Accelerate  * API development for a smart meeting assistant using IBM Bluemix, a project for BCX Accelerate  Jun 2011 – Dec 2017Compuer engineer, Quantum Leap Consulting Independent contractor for Quantum Leap Consulting outsourced to Western Cape Government (WCG).  **Data Centre Facility Management team, Western Cape Government (Jun 2016 – Dec 2017)**  Part of a team in the WCG that oversaw the security, environmental monitoring and capacity of the three data centres.   * Created device with sensors that logged temperature and humidity of internal data centre to provide real-time stats and dashboard to support management decision making.     **Desktop Management Services (Jun 2011 – May 2016)**  Partook in many modernization projects of the WCG (Fuduka and DOWO project)  Tasks include:   * Packaging Software for remote deployment via SCCM * 2IC of Fuduka help desk (call centre) * assist in training of on-site engineers and helpdesk support * training of on-site staff * Remote desktop assistance |

# Education

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| Nov 2018Certificate in Data Science, Explore Data Science AcadamyA project-based approach to learning Data Science, including statistics, dash boarding and reporting, database management, machine learning and modeling and professional communication.Predicting SA Stock Exchange using Regression algorithms, analyzing limitations and use casesPersonality assignment using Natural Language Processing, extracting and processing text, using NLP and model selection to create a marketable product.Predicting winners of FIFA World Cup 2018 using simulations of matches based on data collected from multiple sources.Cape Town Traffic Solution using clustering algorithms detect problem areas and present solutions offered to City of Cape TownCape Town Water Crisis, exploratory data analysis, data wrangling and dash boarding – Using data from City of Cape Town, after ETL process, extract findings and present insights into possible causes. |
| Nov 2013Ba Psychology, uNISA Majored in Psychology and Sociology |

# Skills

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| * Python * SQL * Dashboarding (PowerBI, Tableau, Dash) * Natural Language Processing | * Git/Github * Data wrangling/cleaning * Machine Learning * Webscraping |

# Activities

**Open Source Community Project – Seeking Shelter**

 A project that focuses on shelters and services aimed at women that are victims of abuse. It aims to map shelters across South Africa and to combine this with a mapping of other support services.

 The outcomes of this project is to dynamically generate area-specific maps that can be downloaded and printed as posters. The intent is for these posters to be put up at police stations, public services and be used for advocacy purposes by organisations like The Heinrich Böll Foundation.

<https://github.com/codebridge-za/seeking-shelter>

I assisted with initial data visualizations, then tasked with acquiring relevant information on courtrooms and clinics nationwide via scraping official websites and cleaning the data.

**Hobbies**

Gardening,

Tinkering with IoT and Raspberry Pi’s,

Cycling,

Trail Running,

Home Automation,

Hacking for good