

Luyanda Mncube

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EDUCATION

UNISA

BSC COMPSCI & MATHEMATICS
Ongoing | South Africa, JHB

WETHINKCODE

SOFTWARE ENGINEERING
2019 | Johannesburg CBD, JHB

NORTHCLIFF HIGH SCHOOL

2011| Northcliff, JHB
4 Distinctions, 9 subjects

LINKS

<https://github.com/luyandamncube>
<https://linkedin.com/in/luyandamncube>

COURSEWORK

UNDERGRADUATE

Programming (C++/Qt)
Theoretical Machines
Formal Logic
Algebra
Linear Calculus

WETHINKCODE

Unix Tools and Scripting
C, POSIX
Algorithms & Game AI
Signals & IO
Functional Programming
Predictive Analysis
Regression Modelling

CERTIFICATION

MCSA: Database Development
Certified SAFe @Agilist
Certified Foundation TEFL

PROGRAMMING

Languages:

C • C++ • C# • TSQL

Scripting:

Shell • Python • Javascript

Databases:

MySQL • Microsoft SQL Server •
CosmosDB

Technologies:

Ansible • Selenium • Webdriver • NiFi •
Docker

Tools:

Jira • Git • Putty • Cygwin • \LaTeX

PERSONAL SUMMARY

Inquisitive, hard-working and creative at heart. People come first in my life and I am not afraid of a challenge or shouldering responsibility. I love to learn and find myself sharing everything I learn about technology with the people around me.

I currently work as a Data Engineer at Britehouse and have previously worked as an intern in their Graduate Program for 2019. At the moment, I am currently interested in data and automation, having spent a lot of my personal time doing projects in data preparation, regression models, RPA and infrastructure provisioning.

I studied Software engineering at Wethinkcode (a school based on 42: tuition-free computer programming school created and funded by French billionaire Xavier Niel and partners) and I am currently studying Computer Science & Mathematics part-time. All my work and project can be viewed on my personal github.

EXPERIENCE

DIMENSION DATA IW | DATA ENGINEER

Feb. 2020 - Present | Bryanston, JHB

- Race Center Team. The team is responsible for delivering Analytics, Database Development, Monitoring and Support to NTT, the official technology partner of The Tour De France.
- Developed maintainable, efficient features in SQL, Apache NiFi, and Python.
- Provided live race-day support for data streams.

BRITEHOUSE | SOFTWARE DEVELOPMENT INTERN

Feb 2019 – Jan 2020 | Bryanston, JHB

- Full-year intensive program aimed at grooming industry-leading talent.
- Tasked to develop the “2020 Graduate Program” as part our program mandate, shaping the future of the program and it’s goals whilst focusing on learning & development through project-based work.
- Worked as part of TeamGrind agile team to deliver the automated on-boarding solution for HR.
- Worked as part of 4IOTAnalytics agile team to deliver POC for client and an admin portal which allows clients to view their insights based on their data integration points.

PROJECTS

Hitchhikers guide to C
DSL
libft

A crash course PDF for C & Algorithms
Machine Learning by implementing a linear classification model
An open-source C library of standard functions

SKILLS

Data
Scripting
Automation
Code Quality
Config Management

Experience with ETL, data wrangling, data streaming
Solid knowledge/experience with scripting technologies
Experience with UiPath, webdriver (Selenium)
healthy habits: coding conventions, documentation and testing
I have been exposed saltstack, ansible