Sipho Dlamini

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I am a positive minded individual who seeks after life changing experiences, continuous learning and interacting with diverse people. I hold a Bachelor of Science degree from the University of Johannesburg with majors in Mathematics, Economics and Investment management. Currently I am a learner in a data science graduate internship hosted by Telkom in collaboration with Umuzi , with keen interest in big data, machine learning algorithms and neural networks.

Personal Details:

Date of Birth: 26 December 1991

Nationality: South African

Drivers Licence: Code 10

Language Proficiency: IsiZulu (Home language), English (Fluent) and Sesotho (basic)

High School Education:

School Attended   Illinge High School, Vosloorus – Johannesburg East Rand

Year completed   2009

Subjects completed   English, IsiZulu, Mathematics, Accounting, Economics, Business Studies, and Life Orientation

In 2010 after completing my matric I took a year to rewrite grade 12 Mathematics as I was unsatisfied with my result because I already knew that I wanted to pursue a Mathematical Science qualification and I did manage to get better results which allowed me to pursue my desired course of study.

Tertiary Education:

Qualifications:

- BSc Mathematical Science with financial orientation
  Year obtained   2018
  Institution   University of Johannesburg
  Majors   Mathematics, Economics, Investment Management

- BSc Honours in Mathematics (Not yet completed)
  Year Enrolled   2020
  Institution   University of Johannesburg
  Modules completed   Algebra, Functional analysis, Graph Theory, Set Theory, Topology and honours research project

- N4 in Financial Accounting
  Year obtained   2015
  Institution   Ekurhuleni West College
  Subjects   Accounting, Computerized Financial Accounting (Pastel)
                         Business Management, Communications

I began BSc Mathematical Sciences in 2011 but due to dire financial strains and academic difficulties I was unable to register for the year 2014, during the year of 2014 I decided to start reading and learning about FOREX trading and attempted to start a couple of businesses I had in mind. I enrolled for N4 in Financial Accounting in 2015 shortly after that I managed to get funds and went back to finish my degree.

After finishing my undergraduate degree in 2019 I started working at Alexander Forbes in an internship position that familiarized me with working professionally in a corporate environment.

In these years I proved myself to be not only resilient but also a hard worker who is very much goal driven.

Skills and Competence:

- Team Player – In the absence of my colleagues I assist with some of their responsibilities moreover, I have served as a junior tech lead in our data science group at Umuzi where I perform agile reporting and assist other interns/learners complete items in their sprint plan.
- Problem Solver – I have always been interested in solving common and complex problems in subjects such as mathematics and programming. At Umuzi we are assigned problem solving assessments on coderbytes which I have done until level 3.
- Tech-stack – Cloudera Impala and CDSW, Jupyter, Docker, PostgreSQL, PowerBI, Pandas, pyspark, matplotlib, seaborn, numpy, scipy and git.
- Programming - I am knowledgeable in python and R for data visualization, mathematical operations, statistical analysis and machine learning, these were used during practical assignments in undergraduate statistics and during my learning and experience at Telkom and Umuzi. Other languages I am familiar with are SQL, C++, HTML and CSS.

Work Experience:

Employer name   Alexander Forbes

Employment Duration   1 March 2019 – 28 February 2020

Occupation   Intern (Pension Fund Administration)

Duties and responsibilities

- Make electronic payments of surplus benefits
- Draft payment and value letters for members
- Transfer benefits to other approved investment funds

Employer name   Telkom

Employment Duration   1 Feb 2021 – present

Occupation   Intern (Customer analytics and Insights)

Duties and responsibilities

- Track, administer and analyse new inflow of customers on a weekly basis.
- Extract, transform and load data from the DBMS.
- Automating recurring tasks such as populating tables for new acquisitions and their transactions.
- Identifying features that drive the survival of new customers using machine learning.
- Creating interactive dashboards such as PowerBI and plotly dash.
- Presenting to stakeholders

References

Name	Occupation	Relationship	Contact number
Present Ndlovu	Line manager (Telkom)	Supervisor	(061)426-6218
Ramona Ramdin	Line Manager(Alexander Forbes)	Manager	(011)269-1058