

# Tendai Shoko

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## Summary

My goal as an entrepreneur is to break boundaries through innovation. Abraham Lincoln once said 'Ask me to chop down a tree in three days and I would spend two of them sharpening the axe. I aim to join the culture of those who think out of the box and learn from those who are ahead of the game. Adopt the values of pioneers and prioritize learning that which I don't know I don't know.

## Experience



### Data Scientist

Zulzi

Oct 2021 - Present (6 months +)

I scope, design, develop and deploy machine learning models. I also do customer data segmentation, customer data analysis, and data visualisation for the Principal Data Scientist and Product Owner. Our current focus is on recommender models, where we make various types of product recommendations to our clients, based on their purchase history, the buying patterns of similar users, and business objectives.

Application and Data

AWS S3 , AWS EC2 ,AWS VPC ,Python ,Tensorflow ,Golang,SQL

DevOps

Github ,Git ,Docker ,Kubernetes

Business Communication Tool

Slack



### Data Science

DataProphet

Apr 2021 - Sep 2021 (6 months)

Created robust data pipelines that extract salient views from raw production data,

Labelled sensitive data in-house,

Contributed to modelling and infrastructure code-base,

Conducted explorations and experiments into new modelling and technical approaches,

Used instances on the cloud to train and serve deep learning models.

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## **Project Engineer**

### **Lead Automation**

Feb 2020 - Mar 2021 (1 year 2 months)

I implemented Agile methodologies in running automation project . I primarily managed inception of the project until the project delivery .



## **Industrial Automation Engineer**

### **Process Tanks and Equipment**

Jun 2019 - Jan 2020 (8 months)

I was both client facing and technical team member in industrial automation projects in the FMCG industry . I scoped and design automation solutions for clients . I was working with Delta PLC ,Drives and a wide array of sensor and actuators used in FMCG. I gained knowled in food and safety whilst working in this role



## **Engineer In Training**

### **RioZim Ltd**

Feb 2016 - Apr 2017 (1 year 3 months)

As part of the 5 year BEng Mechatronics Degree program ,I had to have one full year working as a engineer in training reporting to the Principal Resident Engineer. In this role I got exposed to the mining industry ,industrial automation,project management and leadership. I oversaw 2 major project were I was lead reinstallation of 3x Ball mill automation system and recalibration of conveyor belt weightmeters.

## **Education**



### **Stellenbosch University**

#### **Masters of Engineering , Electrical and Electronics Engineering**

2021 - 2021

Courses:

Numerical Methods

Advanced Strength of Materials

Research Methodology



### **Stellenbosch University LaunchLab**

#### **Certificate , Data Science ,Machine Learning ,Cloud Computing and Entrepreneurial Development**

2021 - 2021

The SU Techpreneurship Centre is a Data Science and Entrepreneurial Development upskilling initiative developed by SU LaunchLab, Stellenbosch University's technology, and entrepreneurship incubator, together with the SU School for Data Science and Computational Thinking. Participants learn valuable technical data science, machine learning, cloud computing skills, and also cover a wide range of IT-related soft skills necessary to succeed in the workplace. The course is taught

using case studies, interactive workshops, and interesting assignments.



### **Chinhoyi University of Technology**

Bachelor of Engineering - BE, Mechatronics Engineering

2013 - 2017

Completed a Bachelor of Engineering (Honours) in Mechatronics Engineering. Completed courses in multivariate calculus, mathematical modeling, statistics, industrial robotic, industrial automation, real and complex analysis, finite method analysis, and intelligent control. Completed a research project.

## **Licenses & Certifications**



**Candidate Engineering Technologist** - Engineering Council of South Africa

2018400466



**PRINCE2® 2017 Foundation** - AXELOS Global Best Practice



**Google Analytics Individual Qualification** - Google Digital Academy (Skillshop)

Issued Apr 2021 - Expires Apr 2022

76920463



**AWS Certified Cloud Practitioner** - Amazon Web Services (AWS)

Issued Nov 2021 - Expires Nov 2024

## **Skills**

Data Science • Machine Learning • Cloud Computing • Engineering • Project Engineering • Project Planning • Manufacturing • Strategy • Data Analytics • Data Management