

ZEPHANIA REUBEN

Data Scientist

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EXPERIENCE

Jovian Ambassador

Jovian.ai

Apr 2020 - Present UDOM, Dodoma, Tanzania

Speaker on Python & Deep Learning

Python Conference Tanzania

Dec 14-15, 2020 SeedSpace, Dar es Salaam, Tanzania

Organizer | Marketing & Communications Manager

Achievers Conference

Dec 24-27, 2020 Arusha, Tanzania

Organizer | University representative: UmojaHack, Zindi Interuniversity AI Hackathon

Zindi Africa

March 21, 2020 UDOM, Dodoma, Tanzania

Organizer and Speaker

Artificial Intelligence and Life

Dec 2019 & Jan 2020 UDOM, Dodoma, Tanzania

OGV Product Manager

AIESEC in UDOM

Feb 2020 - Jan 2021 UDOM, Dodoma, Tanzania

Artificial Intelligence Community Logistics Manager

UDOM AI Community

Aug 2019 - Jul 2020 UDOM, Dodoma, Tanzania

GE Product Manager

AIESEC in UDOM

Feb 2019 - Jan 2020 UDOM, Dodoma, Tanzania

Speaker on Machine Learning

Python Conference Tanzania

Dec 10-11, 2020 SeedSpace, Dar es Salaam, Tanzania

Organizer | Logistics Manager

Ignite Conference

Dec 11-14, 2019 Morogoro, Tanzania

Organizer

Join The Idea Program by Empower, TCC and JTI

June, 2019 CBE, Dodoma, Tanzania

Speaker on Python

CIVE AI Community

Dec 09-10, 2019 UDOM, Dodoma, Tanzania

Participant

Achievers Conference

Mar 18-21, 2019 Mwanza, Tanzania

EDUCATION

B.Sc in Telecommunications Engineering




The University of Dodoma

2016 - 2020 Dodoma, Tanzania

TECHNICAL STRENGTH

HTML5	●●●●●●
CSS3	●●●●●●
Bootstrap3	●●●●●●
Javascript	●●●●●●
JQuery	●●●●●●
PHP	●●●●●●
Ajax	●●●●●●
MySQL	●●●●●●
SQLite	●●●●●●
Android	●●●●●●
C++	●●●●●●
Core Java	●●●●●●
Data Structures	●●●●●●
Python	●●●●●●
Django	●●●●●●
NumPy	●●●●●●
Matplotlib	●●●●●●
Pandas	●●●●●●
PyTorch	●●●●●●
TensorFlow	●●●●●●
Artificial Intelligence	●●●●●●
Data Science	●●●●●●
Machine Learning	●●●●●●
Natural Language Processing	●●●●●●
Computer Vision	●●●●●●
Arduino	●●●●●●
Mathematics for ML	●●●●●●
Git	●●●●●●
Jupyter	●●●●●●

MOST PROUD OF

-  **Best Student Project**
COVID-19 and Pneumonia Detection System Using Artificial Intelligence - The University of Dodoma Awards - 2020.
-  **Fourth Postion Winner**
COVID-19 and Pneumonia Detection System Using Artificial Intelligence - UDOM-CIVE Day 2020.
-  **Fifth Postion Winner**
LUKU Minimum Unit Detection and Notification System Using GSM - UDOM-CIVE Day 2020.

SO FAR PROJECT EXPERIENCE



Improving Pharmacovigilance Systems using Natural Language Processing on Electronic Medical Records

The research focused on enhancing Pharmacovigilance Systems using Natural Language Processing on Electronic Medical Records (EMR). The major task was to develop an NLP model for extracting Adverse Drug Reactions (ADRs) cases from EMR systems.



COVID-19 and Pneumonia Detection System Using Artificial Intelligence.

A project aimed at creating an AI based system to aid in diagnosis of COVID-19 by the use of chest X-ray images, where it reduces, time for diagnosis, increases accuracy by avoiding human bias and also reduces diagnosis costs.



LUKU Minimum Unit Detection and Notification System Using GSM.

The project aimed at creating a system which will be notifying domestic electricity users the minimum unit(s) remained before they are finished.



Automatic Data Analysis System.

In machine learning data analysis specifically features engineering is a very tedious work, so the system aimed at help data scientists get insights about their data automatically using the system.

SOFTSKILLS



Public Speaking



Project Management



Presentation



Marketing

STRENGTHS

Hard-working (18/24)

Persuasive

Motivator & Leader

UX

Web Development & Applications

Product Management & Logic Designer

LANGUAGES

Swahili

English



REFEREES

Denis Pastory(PhD), Machine Learning Engineer.

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