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

Organizing Committee | Marketing & Communications Manager
Achievers Conference
📅 Dec 24-27, 2020   📍 Arusha, Tanzania

Organizing Committee | University representative: UmojaHack, Zindi Interuniversity AI Hackathon
Zindi Africa
📅 March 21, 2020   📍 UDOM, Dodoma, Tanzania

Organizing Committee and Speaker
Artificial Intelligence and Life
📅 Jun 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, 2019   📍 SeedSpace, Dar es Salaam, Tanzania

Organizing Committee | Logistics Manager
Ignite Conference
📅 Dec 11-14, 2019   📍 Morogoro, Tanzania

Organizing Committee
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

Skill	Level
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
Having a excellent public speaking skills from being a speaker in different workshops, conferences and learning sessions.

Project Management
I have been able to be a product manager of AIESEC in UDOM in two different terms managing Global Entrepreneur (for the term 2019-2020) and Outgoing Global Volountier (for the term 2020-2021).

Communication
Ability to give feedback and providing the needed information in quality and understandable ways.

Marketing
Ability to show customers the value proposition of a product(s), which involves having customer experience knowledge of which I acquired when I worked as a marketing and communications manage during Achievers Conference 2020.

Presentation
I have been a speaker in different conferences including the largest Python community Conference(PyCon) Tanzania 2019 & 2020 where I presented sessions on different topics such as Python Programming Language, Machine Learning, and Deep Learning.

STRENGTHS

Hard-working (18/24)   Persuasive

Motivator & Leader

Work Under Minimum Supervision

Great Team Player & Communicator

Product Management & Logic Designer

LANGUAGES

Swahili
English

REFEREES

Denis Pastory (PhD), Machine Learning Engineer.
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