Jason Naboth Omondi

Title: Student

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PROFESSIONAL SUMMARY

I am a proactive Software Engineering and Data Science enthusiast with a passion for research and solving real-life challenges through code.

Socials:

- **GitHub:** https://github.com/Jason-Omondi
- **Email:** jason.naboth@gmail.com
- **Tel:** 0769711031

EDUCATION AND CERTIFICATES

Bachelor of Business Information Technology

KCA University – Nairobi, Kenya

Expected Graduation – 12/2022

High School Diploma

Maranda High School – Siaya, Kenya
Kenya Certificate of Secondary Education (KCSE) -
2015 – 2018

Grade School

St. Peters Mumias Primary School – Kakamega, Kenya
Kenya Certificate of Primary Education (KCPE) –
2010 - 2014

TECHNICAL EXPERIENCE

Jenga Industrial Attachment Management System – School Project

Link to GitHub: https://github.com/Jason-Omondi/Jenga-IAMS-WebPortol.git

- Learned software engineering process improvements and best practices.
- A web-based portal that manages industrial attachment process within a higher learning institution setup.
- Built with PHP, HTML5 & CSS, MySQL and JavaScript

Fake News Detection Project – Machine Learning Project

Link to GitHub: https://github.com/Jason-Omondi/data-science-and-machine-learning.git

- This was the final capstone project of Lux Academy and Data Science East Africa Bootcamp (Feb – 2022)
- Having taken a four weeks intensive self-taught and peer-collaboration approach in the Boot Camp, the finalists were task to create a Machine Learning Model that will efficiently detect fake news articles on the internet.
- To solve this, I first started by performing Extract Transform Load process in order to have a consistent dataset by eliminating null and inconsistent data within the dataset.
- A passive aggressive algorithm is initialized and the model is fit. Such an algorithm remains passive for a correct classification outcome and comes to life in the event of a misleading calculation. The purpose is to make updates that correct the losses with little change.
- I then introduced a confusion matrix to quantitatively measure the model's performance.

SMS Broadcast Android Application – Android Java Project

Link to GitHub: https://github.com/Jason-Omondi/SMS_Service_AndriodApp.git

- This is a simple android application that requests for permission to perform Create, Read, Update and Delete operations on user data.

TECHNICAL SKILLS

- Coding projects using various languages that is PHP, HTML5 & CSS, MySQL, Android Java
- Python – pandas, matplotlib, NumPy, SkLearn
- Version Control – git tools - (GitHub & gitbash)
- Data Structures and Algorithms.

AWARDS/ACHIEVEMENT

Mastering Python Bootcamp Certificate – *11 - March – 2022*

- This is a local Twitter community Bootcamp held by Lux Dev HQ and Data Science East Africa that aimed to mentor aspiring developers to take the next steps in their careers in a practical way. During this program, I got to learn and put my python skills into practice and along the way, I also got to collaborate with other engineers in the program and shared insights. We used the Slack platform to communicate throughout the Bootcamp, GitHub version control to upload our weekly project assignments, and zoom for virtual class meetings.
- Worked on various projects throughout the Bootcamp and later concluded the bootcamp having done a capstone project. Learned how to build prediction models using python and analyze data (using ETL process, sub setting, slicing, dicing using python) and model data while working on the Titanic Survival prediction dataset on Kaggle competitions. Here, I did an analysis of the Titanic dataset by exploring the dataset first using python libraries, to mention a few: pandas,

matplotlib to visualize the data, NumPy for numerical integrity and manipulation, and finally SciKit-Learn to train my prediction model using a different dataset.

Succeeding in Web Development: Full Stack and Front-End certificate – LinkedIn: AVw8wL551tTUxlEY_OfFatVhCeeY

JavaScript Essential Training Certificate – LinkedIn: AWcJnFSIrlvuF98z2cMN5O3a7D6o

Learning Java Certificate – LinkedIn: AXY3sasrzqDOlvsQIcYA0x59_co2