ELIZABETH NUOMA AKOSSEY (FRONT END DEVELOPER) | ACCRA-GHANA

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TECHNICAL SKILLS

Languages: Python, SQL, HTML, CSS
Frameworks: Tkinter, NLTK, Ttkbootstrap, Tensorflow, Pandas, Numpy, Matplotlib, Seaborn, Scipy, Stats Model,
Tools: Git, Github, Visual studio code, Netlify, Power Bi, Excel.
Database Systems: MySQL, MongoDB, MS SQL Server

WORK EXPERIENCE

ASUSTEM ROBOTICS | Coding Instructor | Onsite
January 2025 – April 2025

- Delivered engaging web development lessons to over 50 learners in Tarkwa, covering HTML, CSS and web development fundamentals.
- Designed and implemented interactive coding activities to promote learner promote learner participation and understanding.
- Assessed learner progress through tests and projects, providing constructive feedback to strengthen their coding skills.
- Mentored learners in building their first websites guiding through the development process and troubleshooting issues.
- Trained learners in presentation skills, empowering them to confidently showcase their projects at the final exhibition.

PROJECTS

ASUSTEM ROBOTICS | Coding Instructor
January 2025 – April 2025

- **Tarkwa Dev (Company Website):** Guided learners in designing and developing a two page company website using HTML and CSS.

- **TechSkillsHub:** Mentored learners in designing a basic online learning platform interface using HTML and CSS.

- **SandybertFood:** Supervised the creation of a restaurant website showcasing menu, services, and contact details using only HTML and CSS.

AZUBI AFRICA | Data Analyst Trainee | Remote
January 2025 – April 2025

- Examined trans-border freight data to identify key trade routes and freight volume by transport mode.
- Championed the development of a personalized product recommendation system using machine learning.

GHANA INDIA KOFI ANNAN CENTER OF EXCELLENCE (GI-KACE) | Data Analyst Trainee | Hybrid
October 2024 – December 2024

- Designed and developed a voting system database, including data modeling and querying improving system efficiency.

BLOSSOM ACADEMY | Data Science Trainee | Accra, Ghana
February 2024 – June 2024

- Developed a cyberbully detection model, enhancing online safety by improving predictive accuracy by 30%.
- Reduced model training time by 40% through the optimization of data pipelines and efficient preprocessing.
- Built a heart disease classification model, achieving 85% accuracy, 80% precision, and 90% recall, improving early detection of heart disease.
- Analyzed a melanoma dataset, identifying key trends, such as an average tumor size of 2.5 cm and a 70% 5-year survival rate, providing valuable insights for treatment planning.

LENOVO | Trainee | Accra, Ghana
July 2023 – August 2023

- Designed a text-to-speech application by designing the interface with Tkinter and integrating the OpenAI API to support accessibility.
- Designed and implemented a login and sign-up interface using Tkinter to enhance application usability.

EDUCATION

Bachelor of Science, Midwifery
September 2017 – July 2021
University for Development Studies, Tamale-Ghana

AWARDS
- Most Innovative Project (GIZ)
- Most Outstanding Student, Asustem Robotics

CERTIFICATES

- IBM (Web Development Fundamentals)
- Fundamentals of Azure AI Services (Microsoft)
- Introduction and Intermediate Python (DataCamp)
- Introduction to SQL(DataCamp)
- Blossom Academy (AI, SQL, PowerBI)
- CAMFED (Python)

LANGUAGES: ENGLISH (Fluent) | FRENCH(Basics) | German (A1).