

THE STUDENT IN CODING PROJECT 2023.

Introduction

The student-in-coding project is a project under the auspices of Africa Youth for Global Goals (AYOGG), a youth-based Non-Governmental Organization established in the year 2018 in Ghana by young people to create awareness, understanding, partnerships, and act for the United Nations 17 sustainable development goals and Africa Union's Agenda 2063. The project seeks to deal with SDG4 which talks about quality education for all, SDG9 which talks about the industry, innovation, and infrastructure, and then SDG10, which talks about reduced inequality. This project is very paramount to the leaders of the organization because we intend to train and mentor the next generation of programmers in the community and its Environs. Annual the organization organizes Inter-School IT quizzes and coding competitions among schools and this year we strive to make it better by soliciting Laptops (Computers) and IT-related tools to facilitate the project.

Aims, Objectives, and goals of the project

The Project is to seek to train and mentor Students with information technology in focus which will go a long way to improve industry, innovation, and infrastructure to reduce inequalities by all standards in Sub-Sahara Africa (Ghana). It is the belief that information technology is the Central nut that is holding global development in the 21st century and for that matter supporting our schools (individuals) to gain these skills will go a long in being part of the global village and to Foster all-inclusive development.

Planned Activities for the project

- *Organization of inter-school coding challenge for both Junior and High-Level education in the Central Region
- * Mentorship programs
- * Organization of IT innovation competition for schools
- * Donation of Computers to schools with no ICT tools within our delimitations

- * Free Computer Classes.

The Scope of the project

- * The initiative seeks to concentrate and partner with schools in the Central Region of the Republic of Ghana Starting from the Gomoa East District of the Region
- * The initiative seeks to partner with 150 selected schools in the Region
- * The project seeks to start in January 2023 and beyond.

Targeted Groups

- * Primary Pupils
- * Junior High School pupils
- * Senior High School students

Activities Partners and Training

- * 70 Volunteer student- teachers (teacher trainees) from Accra College of Education
- * Invited Resource Persons from various fields of interest.

The selected teachers (Volunteers) are trained professionals from IT, software engineering, and Teaching fields who are ready to support and mentor the next level of Programmers in the region. As a co-founder who has obtained my MSc in Data Science and a Certificate in Software Engineering, I have monthly training programs for the volunteers to keep them up to date on new technologies and data-related knowledge to facilitate our project.

The Laptops will be given routine maintenance by a team IT specialist who is an expert in Computer Engineering through three regular assessments and maintenance as well as upgrade of the software installed.