



TIMOTHY YEBOAH

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Citizenship: Ghanaian

Date of Birth: 1st March 1997

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EDUCATION

SEPTEMBER 2015 - JUNE 2019

BACHELOR OF SCIENCE, PHYSICS (ELECTRONICS), KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, GHANA

Thesis: "Investigating the wind energy generation potential of salvaged e-waste motors."
Supervisor: Dr. Michael Edem Donkor.

SEPTEMBER 2011 - MAY 2014

WEST AFRICAN SENIOR SCHOOL CERTIFICATE EXAMINATION WASSCE, OPOKU WARE SENIOR HIGH SCHOOL, GHANA

WORK EXPERIENCE

SEPTEMBER 2019 – AUGUST 2020

UNIVERSITY TEACHING ASSISTANT, KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Supervision of general physics lab experiments
Assist lecturers in the C++ and Web Development courses

SEPTEMBER 2017 – JULY 2018

AUTOMATION TEAM MEMBER, KNUST (DEPARTMENT OF PHYSICS), GHANA – UNIVERSITY OF PADERBORN, GERMANY

Selected as one of the students from the Department of Physics, KNUST to participate in the automation of a Hybrid Solar Dryer Project, a collaboration project between the Department of Physics, KNUST and Paderborn University. Worked on the design and construction of a prototype for the automation unit under the supervision of Dr. Michael Edem Donkor and Mr. Tobias Klaus.

JULY 2017 – JUNE 2019

DEPARTMENT OF PHYSICS SOLAR TRAFFIC LIGHT UNIT MEMBER, KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Worked on a traffic light team involved in the assembly and installation of traffic lights on the KNUST campus and other university campuses in the country.

JUNE 2014 – AUGUST 2014

MARKETING PERSONEL, AIRTEL GHANA

Worked as a General freelance marketing Agent on a probation period under the supervision of Mr. Solomon, the district Sales Manager

CERTIFICATES AND EXTRA CURRICULAR ACTIVITIES

AUGUST 2020

GLOBAL INTERNSHIP PROGRAM IN DATA ANALYTICS, HASH ANALYTIC

AUGUST 2020

GOOGLE ANALYTICS FOR BEGINNERS AND ADVANCED, GOOGLE ANALYTICS ACADEMY

15TH NOVEMBER 2017

CERTIFICATE IN SPlicing OF FIBRE OPTIC CABLES, JOHVIC FIBRETECH SOLUTIONS

6TH MAY 2017

CERTIFICATE OF PARTICIPATION (SCI-TECH), KNUST (COLLEGE OF SCIENCE)

10TH MARCH 2017

CERTIFICATE OF PARTICIPATION (PHYSAG SUMMIT), KNUST (DEPARTMENT OF PHYSICS)

VOLUNTEERING ACTIVITIES

14TH JULY – 20TH JULY 2019

VOLUNTEER MENTOR, WISTEM_{GH}/KNUST STEM CAMP FOR GIRLS, KNUST.

Mentored a group of senior high school girls to inspire STEM education amongst them and undertook a project of constructing a simple periscope from everyday materials with them, which won 3rd place amongst their peers.

13TH MARCH 2019

INTERNATIONAL ASSOCIATION OF PHYSICS STUDENTS (IAPS) DAY, KUMASI HIGH SCHOOL

Visited one of the high schools in the country to showcase projects undertaken by the department of Physics, KNUST to get the youth to develop an interest in the field of physics.

MAY 2018

VOLUNTEER MENTOR, WISTEM_{GH}/KNUST STEM CAMP FOR GIRLS, KNUST.

Mentored a group of senior high school girls and undertook a series of simple electronics experiments with them to help them appreciate what they have been learning theoretically in class and develop a love for science within them.

LANGUAGES

- ENGLISH: Advanced knowledge, Language of instruction
- FRENCH: Basic knowledge
- GHANAIAN LANGUAGE: Native language (Twi)

TECHNICAL SKILLS

- Programming languages: Basic knowledge in JavaScript and Java, Web Development.
Intermediate knowledge in Arduino C++, Python, C++ programming
- Tools and Technologies: MS Word, MS PowerPoint, Multisim, EAGLE CAD, KiCAD, MS Excel, Adobe Photoshop, Tableau
- Others: PCB Development, Object Oriented Programming, Research Skills, Project Planning Skills, Electronics Hobbyist, Presentation Skills, Accelerating programs with GPU (CUDA), Data Analysis and Visualization

INTERESTS AND ACTIVITIES

Technology, Electronics, Open-Source, Programming, Web design, Internet of Things, Singing, Science fictions, Swimming, Gaming and Travelling.

REFEREES

Dr. Michael Kweku Edem Donkor (Ph.D.)
Senior Lecturer, Department of Physics
Kwame Nkrumah University of Science and Technology (KNUST) Kumasi, Ghana
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