

ODONKOR EMMANUEL TEYE-KOFI

C/O BOX, 62 KOFORIDUA

0242521565/ GHANAIAN

emmanuel.odonkor@ashesi.edu.gh / emmadonk1530@gmail.com

<https://www.linkedin.com/in/emmanuel-odonkor-teye-kofi-648b84150/>

EDUCATION

Ashesi University College
BSc. Computer Science

Berekuso, Eastern Region
Expected Date of Graduation: July 2021

Pope John Senior High School
General Arts (*WASSCE)

Effiduase, Koforidua
Sept 2013 – April 2016

ACHIEVEMENTS/AWARDS

The MasterCard Foundation Scholar Program, Ashesi University College

Sept 2017 – June 2021

Best History Student(Speech and Prize-Giving Day), Pope John Senior High School.

Nov 2013 – April 2016

IPMC Ghana, Ghana Telecommunication University College
Software Engineering

Koforidua, Eastern Region
June – Nov 2016

PROJECTS AND RESEARCH

Computer Programming for CS
Semester Project – Student

Jan – May 2018

- I used the Python programming language to embarked on a project to upgrade my mobile app software into a Mathematical and Scientific Calculator that conducts Scientific and Mathematical calculations.

Statistics and Probability
Semester Research – Student

Aug - Dec 2018

- I conducted a research using the Demographic and Health Survey(DHS) to determine the relationship between Nutrition in Women and Child Mortality in Ghana.
- Using three research questions which aims at proven the positive correlation between the relationship, I used the R-Studio software which helped to conduct analytical research on the subject matter.

Database Systems
Semester Project – Student

Jan – May 2019

- Using MySQL as my Relational Database Management System, I designed a database for a fictional military organization of my choice called the "Sentinel Management System".
- I designed the conceptual and logical database design and application of several database concepts such as relational algebra and normalization of the entities.

Internet of Things
Semester Team Project – Student

Jun – July 2019

- Using NodeMCU(ESP8266), Raspberry Pi , and the WI-FI connection technology, we embarked on a project to create and Intensive Care Unit Monitoring System where sensors and actuators were used to keep track of the health status of patients in the hospital.

CO-CURRICULAR ACTIVITIES

Priest Sanctuary Ministry, Koforidua Charismatic Ministry
Instrumentalist

Jan 2009 - Feb 2019

- The instrument I played was the Brass Drums and trained high school and Junior high students on Brass Drums.

Ashesi Debate Society, Ashesi University College
Member

April 2019 – Till Date

- Teamed up with other group of debaters to embark on debate competitions, enhancing our understanding on issues around us and educating the general public on topics in the political, economic and social sector.

SKILLS

- Advanced Proficiency in English
- Programming Languages(Proficient in Java, MYSQL, HTML, CSS, R language, Python, C++, Arduino)
- Flexibility in the usage of Arduino gadgets and equipment's
- Knowledge of Internet of Things technologies such as sensors, actuators, connectivity and microcontrollers
- Proficiency in the use of WYSIWYG Web Builder and R Studio Platform