

Christabel ACQUAYE

in [linkedin.com/in/christabel-acquaye-15152b117](https://www.linkedin.com/in/christabel-acquaye-15152b117) ✉ acquayechristabel@gmail.com ☎ +233 54 354 8900
🐙 github.com/Christland @ cacquaye@elite-education.org
📄 <https://christland.github.io/portfolio/> 📍 Accra, Ghana



WORK EXPERIENCE

September 2019- Present Day	Teaching Assistant National Service Secretariat, (KNUST), Kumasi, Ghana <ul style="list-style-type: none">➤ Assisting lecturers in teaching these courses; Computer Architecture, Semi-conductor Devices➤ Organizing tutorial sessions for students to help them have deeper understanding of the course.➤ Marking quizzes, lab reports, assignments and preparing continuous assessment for students.➤ Assisted in the development of activity manuals for students to use during lab activities.
June 2018 July 2018	Computer Engineering Intern Power Distribution Services, Accra, Ghana <ul style="list-style-type: none">➤ Diagnosing, troubleshooting and resolving of hardware related issues➤ Installation of tailor-made ECG software and Operating System➤ Assisted in the training of ECG staff on the use of software used in operations.
June 2017 July 2017	Computer Engineering Intern Ghana-India Kofi Annan Centre of Excellence in ICT, Accra, Ghana <ul style="list-style-type: none">➤ Diagnosing, troubleshooting and resolving of network and internet related issues➤ Assisted in the organization of the auditorium and classrooms during different tech organized talks and meetings as well as organized short courses including introduction to programming and other related courses.
July 2016- Present Day	Intern and Tutor Emerging Leaders in Technology and Engineering, (ELITE), Accra, Ghana <ul style="list-style-type: none">➤ Designed curriculum used in tutoring students during the ELITE 2019 Camp.➤ Tutored girls in web development, embedded system design using arduino, python and Machine Learning using Tensorflow.➤ Assisted girls in their project design and development.

SKILLS

Programming Languages	Java, Python, C, Embedded C
Databases	MySQL, PostgreSQL
Software	IntelliJ Idea, Eclipse, Visual Studio Code, Android studio code, Adobe XD, Arduino, Code Composer Studio, Microsoft office, git

LANGUAGES

English	● ● ● ● ●
Ga	● ● ● ● ○
French	● ● ● ○ ○

LEADERSHIP/INVOLVEMENTS

- Texas Instruments Ghana Chapter, General Secretary.
- Association for Computer Engineering Students, General Secretary
- Royal House Students and Associates, Music Head
- Interns Representative(Electricity Company)

HONORS AND AWARDS

Award	Sam Korankye Ankrah Awards for 2018/2019 Academic Year
Scholarship	Jerome Jackson Scholarship for highly motivated students in Computer Science and Engineering for the 2017/ 2018 Academic Year
Award	Best Female Computer Engineering Student for the 2016/2017 Academic Year

PROJECTS

ELECTRONIC TOLL COLLECTION SYSTEM

2018 - 2019

 [Final Year Project, KNUST](#)

This project presents a system that collects tolls from road users with little or no human interaction.

[React](#) [React Native](#) [Arduino](#) [Visual Studio Code](#)

ERRANDA APP

2018 - 2019

 [Software Engineering II, KNUST](#)

This project presents a system that allows users post errands they want to be run so errand guys can bid and run the errands for a fee.

[React](#) [React Native](#) [Visual Studio Code](#)

TRANSCRIPT ACCESSOR SYSTEM

2019

 [Hackathon 2019 Project, KNUST](#)

This project presents a system that uses the idea of block chain to allow individuals and institutions to access academic records.

[React](#) [Ethereum](#) [Visual Studio Code](#)

AUTOMATIC MONOGRAPH ASSESSOR

2018

 [Artificial Intelligence Project, KNUST](#)

This project presents a system that takes the scripts of students containing essays they have written and grades according to a preset grade definition.

[React](#) [Visual Studio Code](#) [Scikit](#)

BOOKIT APP

2017

 [Software Engineering I Project, KNUST](#)

This project presents a system that allows students book buses to convey them to their destinations during school breaks and vacations

[Android](#) [Android Studio Code](#)

GEOLOCATOR WITH IMMOBILIZATION PROJECT

2018

 [IoT Project, Kumasi Hive](#)

This project presents a system that allows car owners track their vehicles from their mobile phones and also allows them immobilize their vehicles remotely

[Android](#) [Arduino](#) [Android Studio Code](#)

SMART FARM ASSISTANT

2017

 [IoT Hackathon, Kumasi Hive](#)

This project contains code for a mobile app that allows a farmer monitor details on his farm including the soil moisture percentage, temperature, humidity and so on.

[Android](#) [Arduino](#) [Android Studio Code](#)

INTERNET MONITORING SYSTEM

2016

 [Personal Project](#)

This system measures your internet speed used in making downloads and uploads.

[HTML](#) [CSS](#) [Python](#) [Sublime](#)

OUTREACH AND VOLUNTEERING

2017	KNUST Ambassador for General Electric during the Predix Challenge
2017	TI Electronics Club Outreach to University's Junior High School, Kumasi, Ghana
2016	Emerging Leaders in Technology and Engineering, ELiTE, Accra, Ghana

TEACHING AND MENTORING

September 2019- Present Date	Teaching Assistant Kwame Nkrumah University of Science and Technology, KUMASI, Ghana <ul style="list-style-type: none"> ➤ Assisting lecturers in teaching these courses; Computer Architecture, Semi-conductor Devices ➤ Organizing tutorial sessions for students to help them have deeper understanding of the course. ➤ Marking quizzes, lab reports, assignments and preparing continuous assessment for students. ➤ Assisted in the development of activity manuals for students to use during lab activities.
September 2019- Present Day	Tutor Texas Instruments , ELECTRONICS CLUB, Kumasi, Ghana <ul style="list-style-type: none"> ➤ Assisted in the training of club members in C programming ➤ Assisted in the training of club members in embedded system design
July 2016- Present Day	Tutor Emerging Leaders in Technology and Engineering, (ELiTE), Accra, Ghana <ul style="list-style-type: none"> ➤ Designed curriculum used in tutoring students during the ELiTE 2019 Camp. ➤ Tutored girls in web development, embedded system design using arduino, python and Machine Learning using Tensorflow. ➤ Assisted girls in their project design and development.

CERTIFICATIONS

September 2015 – July 2019	Bachelor of Science Degree Studies in Computer Engineering(First Class Honours), Kwame Nkrumah University of Science and Technology, Kumasi, Ghana,
August – October 2018	Certificate in Internet of Things, Kumasi Hive Incubator, Kumasi, Ghana, Kumasi, Ghana,
June – July 2017	Certificate in Database Management and Administration, Ghana-India Kofi Annan Centre of Excellence in ICT, Accra, Ghana,
June – July 2016	Certificate in Java Programming , Ghana-India Kofi Annan Centre of Excellence in ICT, Accra, Ghana
September 2012 – June 2015	West African Senior School Certificate Examination in General Science, Aburi Girls Senior High School, Aburi, Ghana,

REFERENCES

Mr. Chelsey Roebuck
Executive Director, Co-Founder
Emerging Leaders In Engineering and Technology
chelsey@elite-education.org
+1 (215) 498 8887

Dipl. Ing Benjamin Kommey
Embedded Systems Products and Application Developer HMI/GUI Software Developer
Lecturer, Department of Computer Engineering, KNUST
bkommey.coe@knust.edu.gh
+233 (507) 703 286