

CLAUDE-NOEL TAMAKLOE

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EDUCATION

Ashesi University College
BSc. Electrical/Electronic Engineering
Achimota Secondary School
General Science (WASSCE)

Berekuso, Eastern Region
Date of Graduation: June 2019
Achimota, Accra
Oct 2012–July 2015

ACHIEVEMENTS/AWARDS

***Achimota Special Award**, Achimota Secondary School
Ashesi and Woovenhacks Premier Hackathon winner, Ashesi University College
Ashesi Honour list, Ashesi University College
Silver Medal, International Genetically Engineered Competition (IGEM)
***Chairman's Award**, International Genetically Engineered Competition (IGEM)

Nov 2015
Nov 2016
Dec 2015–Aug 2019
Nov 2017
Nov 2017

WORK EXPERIENCE

Bank of America-London
Summer Analyst (Global Technology Division- FICC CPM)

June 2020–Aug 2020

- Worked on a team to develop a Bank Regulatory database search web application using Python and React frameworks
- Worked closely with the xVA team on the FICC-CPM desk on analysing counterparty credit risk and valuation adjustments.
- Worked on a team to develop a Social strategy to address a social problem in an Environmental-Social-Governmental(ESG) problem space

Ashesi University –Berekuso
Faculty Intern (Engineering Department)

Aug 2019–June 2020

- Working with lead faculty to impact knowledge in Embedded Systems, Communication systems and Digital Systems
- Helping students to design and understand Embedded systems, Communication Systems and Digital System Designs.
- Helping students understand the principles of project management and its application as designed by the PMBOK Guide.

Process and Plant Automation Ghana- Spintex
Projects Department

May 2018–July 2018

- Worked with a team of technicians on site to undertake a solar installation for a home.
- Plan analysis for site electrical installations.

Engineering Department

- Worked on developing a web-portal framework to integrate the company's services using Adonis Js.

Math Learning Centre, Ashesi University-Berekuso
Math Tutor

Oct 2016–Oct 2017

- Assisting a group of 9 students with math related problems in Calculus and mentorship of these students to be successful in their college education.

PROJECTS AND RESEARCH

Smart Waste Management System

Nov 2018–May 2019

- Designed and developed a smart waste management system, comprised of a solar powered smart bin and a web application to provide an efficient approach to waste management in rural and urban areas.

Smart Walking stick project

Nov 2017–May 2018

- Worked as the project engineer with a team of 8 students to develop a smart device to aid the movement of the blind in the society.

International Genetically Engineered Machine (IGEM)

May 2017–Nov 2017

- Worked on a team of 8 students to research and genetically engineer a biological device to detect and quantify the presence of gold in refractory ores, to enhance gold liberation and provide an alternative for small scale mining in Ghana.

Smart Speed Detector System

April 2017–May 2017

- Designed and built a smart speed detector system to alert authorities on vehicle speed violations.

Movable Solar Generator project

June 2016–July 2016

- Co-lead a team to design and build a movable solar generator to serve as a source of power for basic home appliances in rural areas.

CO-CURRICULAR ACTIVITIES

Ashesi University College, Ashesi Basketball Team
Shooting Guard

Oct 2015- May 2019

- Represent the school during basketball competitions

ACM Compass Conference

June 2019

- Poster presentation on Employing IOT tools to deploy a Smart waste management system

2020 IEEE International Conference (CIVEMSA)

June 2020

- Paper presentation on Employing IOT tools to deploy a Smart waste management system
- Paper publication in IEEE Xplore Journal (<https://ieeexplore.ieee.org/document/9132968>)

SKILLS

Team Work
VHDL programming (Intermediate proficiency)

Project Management
Python programming (Intermediate proficiency)