

BEWU RAYMOND SENYO

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PERSONAL INFORMATION

- Date of Birth : 22/11/1992
- Gender : Male
- Marital Status : Single
- Hobby : Watching educative documentary
- Nationality : Ghanaian
- Known Languages: English, Twi, Ewe, Akan, Ga-Adangbe

PROFILE & CAREER OBJECTIVE

I am a proactive Mechanical Engineer with valuable and proven experience in leadership, people management, project undertaking and problem solving skills. I am a pragmatic, innovative and result oriented engineer with strong verbal and analytical skills as well as high sense of accountability. An enthusiastic, adaptive and a fast learning person with a broadband acute interest in the discovery of new innovative ways of solving problems. I particularly enjoy collaborating with other engineers from different disciplines to develop new skills and solve new challenges.

EDUCATIONAL HISTORY

- **Kwame Nkrumah University of Science and Technology- KNUST**
Mechanical Engineering
Second Class Division
August 2014- August 2018
- **Anlo Senior High School- ANSECO**
General Science
September 2009- May 2013

PROJECTS

• Design and manufacture an energy efficient cook stove

7 months

I was the group leader and lead designer of a team of students who designed and manufactured a cook stove that uses charred agricultural waste which have been pulverized as fuel.

• Designing of a color sorting machine.

2 months

Teamed up with a colleague student to design and develop a working prototype of a color sorting machine that can be used in the food and beverage industry for sorting out products.

We successfully developed an algorithm which sorted 90% of all colors entered into the machine.

• The multipurpose drawing table

3 months

I was the group leader and lead designer of a team of students who designed and developed an adjustable multipurpose drawing table for students during school days.

• The Rotor Tiller Project

3 months

As my first year project at KNUST, I designed a farm implement to assist farmers in the control of weed on their farms.

INDUSTRIAL EXPOSURE

- I worked as a mechanical engineer in the engineering department at Piccadilly Biscuits Ghana Limited; where I worked on projects that helped improve the efficiency of the engineering department which in turn, increased the performance of the company.
- National Service at Cargill Ghana Limited: During my national service period, I served as assistant engineer to the Head of Mechanical Engineering Department where I was responsible for analyzing data from the machinery to determine a possible future failure.
- Internship at Cargill Ghana Limited: During my three (3) month internship at Cargill, I was able to gain a deeper understanding of how my interest and skills may apply to an engineering role in an industrial setting. I was also responsible for assisting the engineers in carrying out maintenance work on their machinery. During this period, I identify some shortcomings with some of their operations and suggested feasible solutions.

ACHIEVEMENTS & AWARDS

- • Corporate Alliance Committee Chairman for the Ghana Engineering Students' Association - GESA.
(August 2017-August 2018)
- • President for the Mechanical Engineering Students' Association - MESA-KNUST
(August 2016-August 2017)
- • Class Representative for the mechanical engineering class
(August 2014-August 2016)
- Member of the Student Parliament at KNUST
(August 2014-August 2018).

EXPERIENCE AND SKILLS

• Communication

Strong communication/presentation skills:

Presented data clearly and confidently to both small and large groups, at school and during my internship, adapting style and content to the level of knowledge.

• Interpersonal Skills

Coached and collaborated with other student leaders, actively listening to people and stimulating interest and discussion. Exchanged constructive feedback and support, and learned delegating responsibilities.

• Adaptability

Collaborated and communicated at all levels of student leadership, with lecturers and student leaders from diverse department. Can work both independently and in team settings.

Adapting to speaking to large crowd on campus, increased my command of the English language, learned perseverance and self-motivation.

• Management and organization

Managed several projects and collaborations in parallel, planned work to achieve goals and targets in time, set realistic objectives and developed creative solutions to problems. Attended several leadership seminars to boost my leadership prowess. Use to seek and critically assess large input of ideas and opinions, to define the cause of problems, determining available options and to use my own experience and that of others to provide feasible solutions.

TECHNICAL SKILLS

- Good in the use of Microsoft office especially "Excel"
- Can design mechanical equipment/devices with Solid Works design Software
- A good Arduino software programmer.
- A good Printed Circuit Board (PCB) Designer using KICAD.
- A basic Android programmer using Kotlin programming Language.

INTERESTS

• **Technology:** I enjoy keeping up-to-date with the latest technology and advancements in the technological industry and I am particularly keen on understanding how they can be adapted. I am also an enthusiastic Arduino programmer and enjoy using software especially for microcontrollers.

• **Reading:** I have a keen interest in watching documentary especially, relating to planetary science and engineering both for researching in academic studies. This has allowed me to read into specialist areas in greater depth, which has proven to be invaluable at the university.

ACTIVITIES

- Led in organizing home coming event for KNUST Mechanical Engineering Alumni.
- Led in organizing colleague students for an industrial field trip program.

PERSONAL STRENGTHS

Ability to analyze issues critically and to think on the feet, paying much attention to key details.

REFERENCE

Mr. Agyarko Isaac

Cargill Ghana Limited

Head of Mechanical Engineering

0501618111

Dr. Dzifa Lena Mensah

"College of Engineering - KNUST"

Lecturer (Academic Tutor)

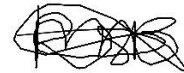
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Dr. Y.K.A Fiagbe

"College of Engineering - KNUST"

Lecturer/Exams officer

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