Randy Kofi Ansah

P.O BOX 225 Dansoman Accra-Ghana, Mobile Phone: +233557860502

randyansah97@gmail.com   https://github.com/Randyansah

EDUCATION

University of Energy and Natural Resources   **Sunyani, Bono**
Region Program: BSc Electrical and Electronic Engineering   **Sep 2018 -Oct 2022**
Academic Standing: Second Class Upper

Aggrey Memorial A.M.E Zion Senior High School   **Cape Coast, Central Region**
Program: General Science   **Sep 2014-May 2017**

CERTIFICATES/ PROJECTS / ACHIEVEMENTS / AWARDS

Student Inventor of the Year	**2022**
Machine Learning Under the Hood: The Technical Tips, Tricks, and Pitfalls	**Apr 2023**
TensorFlow: Data and Deployment Specialization, , Coursera	**Apr 2023**
Apply Generative Adversarial Networks (GANs), Coursera	**Apr 2023**
Build Better Generative Adversarial Networks (GANs)), Coursera	**Apr 2023**
Web Application Technologies and Django, University of Michigan, Coursera	**Mar 2023**
AI for Medicine Specialization, Coursera	**Feb 2023**
Applied Text Mining in Python, University of Michigan, Coursera	**Feb 2023**
SketchUp: how to start modeling simple 3D objects, Coursera Project Work, Coursera	**Feb 2023**
Project, Industrial Equipment control using gestures	**Jan 2023**
Applied Machine Learning in Python, University of Michigan, Coursera	**Jan 2023**
Applied Plotting, Charting & Data Representation in Python, University of Michigan, Coursera	**Dec 2022**
Browser-based Models with Tensorflow.js, Coursera	**Nov 2022**
Deep Learning Specialization, Coursera	**Oct 2022**
Introduction to Data Science in Python, University of Michigan, Coursera	**Oct 2022**
Crash Course on Python, Coursera	**Oct 2022**
Device-based Models with TensorFlow Lite, Coursera	**Sep 2022**
Machine leaning Specialization, Coursera	**Aug 2022**
Feature Engineering, Kaggle	**Jul 2022**
Machine Learning Fundamentals, Udacity	**Jul 2022**
Intro to AI Ethics, Kaggle	**Jul 2022**
Google Project Management Specialization, Google, Coursera	**Jun 2022**
Build Basic Generative Adversarial Networks, Coursera	**Jun 2022**
Machine Learning Engineering for Production (MLOps), Coursera	**May 2022**
Engineering Project Management Specialization, RICE University, Coursera	**Apr 2022**
Google Cloud Big Data and Machine Learning Fundamentals, Coursera	**Apr 2022**
DeepLearning.AI TensorFlow Developer Professional Certificate, Coursera	**Apr 2022**
Top 14 Teams Finalist, Ocean Challenge, Team AQUA AI, Garage48	**Apr 2022**
ROGER, AI Virtual Assistant Bot	**Mar 2022**
Exploratory Data Analysis for Machine Learning, IBM, Coursera	**Mar 2022**
Computer Vision with Embedded Machine Learning, Coursera	**Mar 2022**
Hultprize Competition Semifinalist, UENR, Sunyani	**Feb 2022**
Python for Data Science, AI & Development, Coursera	**Feb 2022**
Power of Machine Learning, Coursera	**Feb 2022**
Python Programming: A Concise Introduction, Coursera	**Feb 2022**
AI For Everyone, Coursera	**Jan 2022**

- Neural Networks and Deep Learning, Coursera   **Dec 2021**
- GMES Competition, Project Curiosity Team, 1st Runner Up   **Nov 2021**
- Machine Learning Specialization, Coursera   **Oct 2021**
- Enactus National Competition, Project Management team member, 2nd Runner up   **Sep 2021**
- Introduction to Packet Tracer English 1220 cga, CISCO   **Jan 2021**
- Dean's Tech Challenge, 1st Runner Up

WORK EXPERIENCE

Graduate Electrical Engineering Trainee, Electricity Company of Ghana, Accra   **Nov 2022-Present**
- Assist in performing factory acceptance tests on equipment to make sure it complies with contractual agreements and specifications
- Assist in technical submittal reviews to make sure all equipment manufactured complies with ECG's specifications and also meets ISO and IEC standards
- Writing memo to share updates progress and sent out notices
- Perform destination inspections on newly imported goods to make sure they meet specifications and standard
- Assisted Electrical Field Engineers in troubleshooting and fixing substation faults
- Troubleshoot, repair, and maintain substation equipment and components.
- Write a report of all activities of substation maintenance

Engineering Intern, Anointed Electrical Engineering Services Ltd, Accra   **Oct 2021-Dec 2021**
- Gained experience by taking part in domestic wiring training
- Designed a 5v power system circuit, Astable and nonstable circuits to control pieces of equipment
- Supervised colleagues in the absence of the supervisor

Information Technology Engineer Intern, White Cross Chemicals, Accra   **Sep 2020-Dec 2020**
- Sensitized users on best practices when using hardware peripherals and software applications reducing hardware malfunctions by 50%
- Maintained and troubleshoot computers and other peripherals to avoid failure during operation.

Voluntary Teacher, Carobells Academy, Bortianor   **May 2017-May 2018**
- Taught integrated Science lessons that meet Ghana Education service's standards
- Communicated with parents on the performance of educatees during Parent-Teacher meetings
- Encouraged creative thinking and motivated students by addressing individual strengths and weaknesses based on standardized syllabus

LEADERSHIP EXPERIENCE

Head, Mechatronics Interest Group, Institute of Mechanical Engineers, UENR   **Oct 2021- Oct 2022**
- In charge of the mechatronics special interest group to carry out projects
- Taking part in IMechE Executive Council Board meetings
- Tutor 30 students on trending technologies and how to implement them to create impactful projects

Vice President, UENR Robotics Club, University of Energy and Natural Resources   **Sep 2021 – Oct 2022**
- Tutor a team of 60 students on robotics-related courses during meeting hours together with my colleagues
- Sensitized members on best practices when using hardware peripherals and software applications reducing malfunctions by 50%
- Increased the number of females members and executives in the club with the help of other executives
- Prepared members for competitions with the help of other colleagues

Public Relations Officer, UENR Robotics Club, University of Energy and Natural Resources   **May 2020-Sep 2021**
- In charge of the club's social media accounts

- Writing communique to convey information and announcements
- Represented the club at meetings and functions

Campus Facilitator, IOT Network Hub, University of Energy and Natural Resources   **Nov 2020 – Jun 2021**
- Successfully organized the inception and inauguration of the Hub in UENR.
- Managed a team of over 50 students to learn and equip themselves with skills revolving around the Internet of Things and embedded systems.

VOLUNTEER ACTIVITIES

- Facilitator, Wan Hive Robotics Drive, UENR, Sunyani   **Aug 2022**
- Facilitator, World Engineering Day, UENR, Sunyani   **Mar 2022**
- Facilitator, STEM festival, UENR, Sunyani   **Aug 2021**
- Facilitator, GHIE skills fair, UENR, Sunyani   **Mar 2021**
- Facilitator, Electrical and Electronics Department Arduino Workshop, UENR, Sunyani   **Jan 2021**
- Facilitator, Science fair, University of Energy and Natural Resources, UENR, Sunyani   **Feb 2020**

SKILLS

- Proficient in Microsoft Word and PowerPoint
- Skilled in Autodesk AutoCAD and Autodesk AutoCAD Electrical
- Proficient in Python Programming, C++, MATLAB and Multisim
- Skilled in Arduino and raspberry pi embedded systems
- Proficient in Printed Circuit board designing (KiCad)
- Skilled in Robotics, IOT, Artificial Intelligence, Machine Learning, and Deep Neural Networks
- Very fluent in English, Twi, and Fanti languages. Elementary proficiency in French

HOBBIES AND INTEREST

- Volunteering, Research, Soldering, Mentoring, Prototyping of electronic projects, Project Management, Event Planning, Reading science journals and articles

References are available upon request