

Kwabena Agyei Danso

Montefiore House 2 D21C, SO18 2NU, Southampton - UK

+44(0)7842850657 | kwabenaadanso@gmail.com

www.linkedin.com/in/kwabena-agyei-danso-6b713256

PROFESSIONAL EXPERIENCE

United Nations Development Programme (UNDP)

Accra, Ghana

National Technical Officer – Renewable Energy

September 2015 – September 2017

- Provide technical assistance and guidance to the China-Ghana South-South Cooperation on Renewable Energy Technology Transfer Project.
- Developed criteria for selection of renewable energy technologies for Ghana with researchers.
- Conducted baseline study on Renewable Energy projects in Ghana to inform policy.
- Contributed to the development of the Renewable Energy Master Plan for Ghana.
- Design renewable energy systems and developing research questionnaires to inform policy development.
- Research, analyze and present renewable energy data from diverse sources.
- Evaluate proposals and concept notes from consultants and prepare written outputs and project reports.

Energy Commission

Accra, Ghana

Graduate Electrical Engineer (Power)

July 2014 – September 2015

- Participated in strategic discussions and meetings to implement the Electrical Wiring Regulations 2011, L.I. 2008. In Ghana.
- Providing technical support to Solar Rooftop and Net-metering programmes in Ghana.
- Organised and supervised 2 Certified Electrical Wiring Exams for over 2000 electrical wiring practitioners.
- Audited the electrical energy consumption of the Ministries, Departments and Agencies (MDAs), households and commercial businesses.
- Monitored and inspected sampled newly wired facilities across the country.

Mantrac Ghana Limited

Accra, Ghana

Field Service Technician - Internship

June – August 2013

- Repaired and maintained Caterpillar generators.
- Prepared inventory of generator parts for service.
- Marketing caterpillar equipment
- Coordinated safety meetings.
- Prepared reports on work done.

Perseus Mining Limited, Edikan Mine

Ayanfuri, Ghana

Maintenance Personnel - Internship

June – August 2012

- Carried out preventive and predictive maintenance on motors in the plant.
- Repaired and installed electrical appliances, electronic controls and devices.

- Prepared reports on work done.
- Coordinated tool box meetings.

VOLUNTEER EXPERIENCE

United Nations Volunteers (UNV)	Accra, Ghana
<i>Volunteer specialist</i>	2015 – 2017
Promulgation of the United Nations Sustainable Development Goals in Ghanaian communities	
Nuffield Southampton Theatres (NST)	Southampton, United Kingdom
<i>Volunteer organizer</i>	2017 – present
Organization of Theatre art events	

EDUCATION

University of Southampton	United Kingdom
<i>Master of Science in Energy and Sustainability with Electrical Power Engineering</i>	
	September 2017 – September 2018
University of Mines and Technology (UMaT)	Tarkwa, Ghana
<i>Bachelor of Science in Electrical and Electronic Engineering (4.0 GPA)</i>	August 2010 – June 2014
BSc. Thesis: Automatic Power Factor Correction of a Gold Processing Plant using a Programmable Logic Controller and Static Capacitor Banks	

SEMINARS, COURSES & CERTIFICATIONS

GIZ International Training Centre, Feldafing, Bavaria - Germany	
Bioenergy and Oil mill technology Seminar, Certificate	July 22 – July 29 2017
Ghana Institute of Management and Professional Administration (GIMPA), Accra - Ghana	
Certificate in Monitoring and Evaluation	February – March 2017
Gansu Natural Energy Research Institute/ UNIDO International Solar Energy Center for Technology Promotion and Transfer, Lanzhou-China	
Renewable Energy Applications for Developing Countries, Certificate	July 29-August 19, 2016
The Energy Centre, Kwame Nkrumah University of Science and Technology (KNUST)	
Design and Installation of Stand-alone Solar PV Systems, Certificate	May 16-21, 2016

PERSONAL SKILLS AND COMPETENCES

Languages: Fluent in English and Akan Twi

Computer skills: Good command of MS Office tools (Word, Excel, Project, Visio, Publisher and PowerPoint), PV Sol, MATLAB, ERACS & COMSOL

Social skills: Good experience of working in teams, strong oral and written communication skill and self-motivated

HONOURS AND ACHIEVEMENTS

- Overall best student, 6th graduation ceremony, UMaT, 2014
- Best graduating student, Faculty of Engineering, 6th graduation ceremony, UMaT, 2014
- Best Electrical and Electronic Engineering student, Diamond Jubilee Awards, UMaT, 2013
- Vice Chancellor's Merit Award, UMaT, 2012
- Best Electrical and Electronic Engineering student, Faculty of Engineering, UMaT, 2011

FURTHER INFORMATION

Interests and hobbies: Traveling, Photography & Theatre Arts