

Anyuat John Arou

Renewable Energy Council of South Sudan (RECOSS)
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Personal Profile Statement

I am a qualified, creative and self-motivated Electrical Engineer with wide experience in the Renewable Energy Technologies (RETs) & construction of low and medium voltage networks. I have good communication skills besides being an active team leader that works with others to achieve set objectives on time and with quality.

Academic Awards

- ✓ MEXT Award (PhD): Japanese Government scholarship
- ✓ CHEVENING Award (MSc): UK Government Scholarship
- ✓ WINDLE TRUST Award (BSc): UN funded scholarship

Education

2019 – Now **PhD. In Electrical & Computer Engineering (PhD candidate)** **Yokohama National University [Japan]**

Research Area:

- Voltage & Frequency Control in Off-Grid AC Microgrid by Smart Inverter

2015 – 2016 **MSc. Electrical Power** **Newcastle University**
Grade achieved: **Distinction** **[United Kingdom]**

Relevant Modules:

- Power Systems Operations and Analysis
- RESEARCH PROJECT (PV – Grid): Individual Project

2008 – 2011 **BSc. Electrical Engineering** **Ndejje University**
Grade achieved: **Second Class (Honors) Upper Division** **[Uganda]**

Relevant Modules:

- Electrical & Electronic Engineering Course Units
- FINAL YEAR PROJECT (Feasibility Study on Setting up Solar PV hybrid System for faculty of Engineering, Ndejje University)

2005 – 2007 **Ordinary Diploma (ODE)** **Busitema National College**
Electrical Engineering **[Uganda]**

Employment and Work Experience

Feb. 2018 – Present **Chief Executive Officer** **Renewable Energy Council**
Main duties: (CEO) [RECOSS]

- In charge of day-to-day administration of RECOSS
- Solicit & enter into agreement with partners and report to chairman. Etc.

Feb. 2017 – Present **Lecturer** **University of Juba**
Courses taught: [UOJ]

- Electrical & Electronic Engineering Course Units
- Provided practicals in Renewable Energy Technologies (RETs) – Solar PV

June 2011 – Feb. 2017 **Managing Director** **Savanna Electricals Co. Ltd**
Main duties performed: (MD) [SECo]

- Sizing and installation of solar PV systems.
- Formulate and implement the company policies in consultation with the board.
- Monitor operating and financial results against the company plans and budget.

May 2009 – June 2011 **Assistant Inspector** **South Sudan Electricity Corp.**
Main duties performed:

- Reading electrical design specifications and interpreting technical drawings..
- Making sure all new electrical engineering projects conformed to set standards.
- Preparations of electrical procedures for the installations test & commissioning.

June 2007 – May 2009 **Distribution technician** **South Sudan Electricity Corp.**
Main duties performed:

- Performing assessment on the new load centers before connected to the network.
- Organizing routine service schedules, loadshedding and re-routing of the supply.
- Carrying out installations and maintenance works on the 11/0.415 KV network.

Professional Training and Qualifications

- Off-Grid Solar PV systems Design and Installation workshop in Germany.
- Certificate in Power generation and lines construction by GIBB Africa – Juba

Skills

- ✓ **Strong IT Skills:** I have an excellent working knowledge of the Microsoft office packages and the specialist engineering design software MATLAB/Simulink
- ✓ **Good Communication Skills:** I have a proven ability in communicating my ideas verbally, in written and diagrammatically as attested by previous projects done.
- ✓ **Excellent Management;** I have the natural skill to inspire the employees' desire for feat and move them beyond self-interest so as to achieve set objectives.

Hobbies and Interests

I have a keen interest in the Renewable Energy Technologies and how they can be utilized to achieve net zero carbon emissions and mitigate the catastrophic Climate Change. In this regard, I like sharing my technical expertise, knowledge, and Ideas with others.

During free times, my hobbies include socializing with friends, watching soccer and playing volleyball.

Community Service

I am very passionate about giving back to community, so I developed Business Opportunity with Solar System (BOSS) model to improve living conditions of people and make our communities climate resilient:

- ❖ Free workshops & Seminars on climate change awareness & mitigation
- ❖ Trained more than 100 young men and women in solar PV installations and are currently using acquired skills to work & support their families.
- ❖ Distributed Mobile Solar light kits to churches and vulnerable women in Jonglei state to let them appreciate the importance of Solar PV system
- ❖ Solar Phone Charging for small business for group of unemployed youth
- ❖ I have served as a youth leader and helped during South Sudan 2013 civil war crisis when I hired buses to transport communities to safety in Juba
- ❖ I taught for free in community self-help Lobone Secondary School

References

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