

Kofi Owusu-Sekyere

Curriculum Vitae (CV)

PERSONAL DETAILS

Birthday January 29, 1988
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EDUCATION

MPhil Solid State Physics 2014-2017
Kwame Nkrumah University of Science and Technology (KNUST)
Research on thin film technology with emphasis on conjugated conducting polymers (polyaniline).
Thesis Title: "Synthesis and Study of the Optoelectrical properties of conjugated conducting polymers".

Graduate Diploma in Business Management 2011
Institute of Commercial Management-ICM
Customer Service, Marketing Management, Strategic Management and Human Resource Management Courses.

BSc Electrical and Electronic Engineering 2006-2010
University of Mines and Technology, Tarkwa.

SSSCE Certificate 2002-2005
Sunyani Senior High School, Sunyani.
General Science Option

BECE Certificate 1999-2002
ST. Theresa's Junior High School, Nkoranza.
General Knowledge in Education

WORK EXPERIENCE

Physics Tutor 2020-Present
ST. Joseph College of Education (JOSCO), Full-time.
Science Department

Lecturer 2019-Present
Institute of Distance Education (University of Cape Coast), Part-time.
Physics Department

Instructor 2018-2020
Nkoranza Technical Institute, Full-time.
Computer Technology Department

IT Officer

2013-2014

Fiagya Rural Bank Ltd, Full-time.

IT related works, Management of the Banking Software and other IT related issues.

Network Service Engineer

2012

Telinno-Consulting Limited, Accra, Full-time.

Performance of Drive-test for RF (Radio Frequency) Optimization of Telecommunication companies in West Africa.

Electrical Engineer

2012

Confidence Water Industry, Accra, Full-time.

Responsible for the operation and electrical maintenance of the water treatment process.

Teacher

2010-2011

Catholic Technical Institute, Sunyani, Full-time.

Electrical Principles and Mathematics Teacher as part of a compulsory one year national service scheme (NSS) for all tertiary graduates.

SKILLS

Languages English (first language)
 Twi (fluent)

Programming MATLAB, L^AT_EX, AUTOCAD, PYTHON, MICROSOFT OFFICE, LINUX, SKETCHUP

*Communication
 and leader
 ship skills*

- Team work: I have worked in various types of teams from research teams to soccer teams. I was a member of my faculty soccer team.
- Intercultural skills: I am experienced at working in different cultures and with different people as I have worked across the sub-region of West Africa.
- Leadership: While working for a manufacturing company in Accra, I was a shift manager in charge of a work force of 12 workers.

Other skills I enjoy all sports particularly watching and playing soccer.

Licence C

PUBLICATIONS

1. A study Of optical absorption of polyaniline thin films prepared by Chemical Bath Deposition (CBD) method; International Journal Of Advanced Research in Engineering and TECHNOLOGY (IJARET); Volume 7, Issue 2, March-April 2016, pp. 109-117.
2. Effect of pH on the optical - absorption of polyaniline thin films prepared by electrochemical polymerization on ITO glass; International Journal OF Advanced Research in Engineering and Technology (IJARET); Volume 7, Issue 4, July-August 2016, pp. 43-49.
3. Optical behavior of PANI/SnO₂ nanocomposites; European Scientific Journal (ESJ); Volume 13, March 2017, pp . 242 -250.

REFERENCES

1. Prof. Keshaw Singh (Senior Lecturer)
Kwame Nkrumah University of Science and Technology (KNUST)
Department of Physics
Kumasi, Ghana
Tel: +233(0) 506184930
email: keshaw.singh@gmail.com
2. Prof. R. K. Nkum (Senior Lecturer)
Kwame Nkrumah University of Science and Technology (KNUST)
Department of Physics
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3. Dr. Micheal Edem Donkor (Lecturer)
Kwame Nkrumah University of Science and Technology (KNUST)
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