MR.
PETER
NIMBE

🌐 www.uenr.edu.gh   ✉ peter.nimbe@uenr.edu.gh   📞 +233200502289

PERSONAL DATA

Name	Peter Nimbe
Place and Date of Birth	Accra, Ghana I 16th June 1986
Address	University of Energy and Natural Resources
	P. O. Box 214, Sunyani, B/A
Phone	+244200502289, +244553435175
Email	peter.nimbe@uenr.edu.gh

EDUCATION

2017-2022	PhD, Computer Science I University of Energy and Natural Resources
2012-2014	MPhil, Computer Science I Kwame Nkrumah Univ. of Science & Technology
2005-2009	BSc, Computer Science I Catholic University College of Ghana
2001-2004	WASSCE, Science I St. Peter's Secondary School
1992-2001	BECE I St. Peter's Mission School

EXPERIENCE

Feb. 2020-Current

Lecturer I University of Energy and Natural Resources

Teaching courses like Information Security, Information Theory and Applications, Parallel and Distributed Databases, PC Hardware and Maintenance, Network Security and Cryptography, Applied Speech Technology, Principles of Programming, Computer Application Packages, Computer Literacy etc.

Teaching in the top-up programme: Network Security and Cryptography, Information Theory and Applications, Information Security, etc.

Feb. 2018-Jan. 2020

Assistant Lecturer I University of Energy and Natural Resources

Teaching courses like Information Security, Information Theory and Applications, Distributed Systems, PC Hardware and Maintenance, Cryptography and Network Security, Data Structures and Algorithm, Visual Basic.Net, Applied Speech Technology, Principles of Programming, Computer Literacy, Computer Organization and Architecture, C++ Programming etc.

Teaching in the top-up programme: Operating System and Mobile Computing

Sep. 2017-Dec. 2017	**Part-Time Lecturer** I University of Energy and Natural Resources
	Teaching courses like Cryptography and Network Security, Speech Technology and Web Page Design

Sep. 2016-Jan. 2018	**Assistant Lecturer** I Catholic University College of Ghana
	Teaching courses likes Data Mining, Algorithm and Data Structures, Introduction to Compilers, Computer Graphics, C++ Programming, Visual Basic.Net, C# Programming, Java etc. for both regular and weekend school

Sep. 2010-Sep. 2016	**Senior Research Assistant** I Catholic University College of Ghana
	Teaching courses likes C++ Programming, Databases, Artificial Intelligence Visual Basic.Net, Distributed Systems, Data Structures and Algorithm, Computer Organization and Architecture, Computer Fundamentals and Internet, Information Technology etc.

Jan. 2011-Aug. 2014	**Software Developer and IT Instructor** I MAPRI-TECH Limited, Sunyani
	Training students in Microsoft Office Applications, Programming and Software Development etc.

Oct. 2013-Nov. 2013	**IT Facilitator** I RLG Communication, Sunyani
	Training students in Microsoft Office Applications and Information Technology

Dec. 2012	**IT Administrator** I Kofi Annan Peace Keeping Center
	In Collaboration with UNDP, WANEP and CUCG For Joint Party Election Results Monitoring (J-PERM) Project for Ghana's Election 2012
	Setting up a LAN to run a system developed for monitoring Ghana's Elections

Aug. 2009-Aug. 2010	**Teaching Assistant (NSS)** I Catholic University College of Ghana
	Assisting lecturers and organizing tutorials

Jun. 2009	**Member of Research Mission** I Radboud Univ., Nijmegen, The Netherlands
	Research Mission and Exchange Program at iCIS (Institute for Computing and Information Sciences), Faculty of Science.

2004 - 2005	**Teaching Staff Member** I Royal Pentecostal Academy, Accra
	Teaching subjects like Mathematics, Agricultural Science and General Science

COMMITTEE & POSITIONS HELD

Jan. 17 – Mar. 07, 2022	Quantum Computing Lecture Series Coordinator I UENR
Oct. 2021-Current I UENR	School Quality Assurance Committee (Rep. Computer Sci. & Informatics)
Aug. 2021-Current	Departmental Quality Assurance Member I UENR
Aug. 2021-Current	Departmental Examinations Officer I UENR
May. 2021-Current	Departmental App Challenge Member & Chairman I UENR
Jul. 2020-Sep. 2021	School E-Learning Committee I UENR
Nov. 2020-Current	Research & Seminar I UENR
Sep. 2018-2020	Computer Lab Coordinator I UENR
May. 2018-Current	Academic Counsellor I UENR
Sep. 2018-2020	Diploma Computer Science Committee I UENR

Mar. 2018-2020	Departmental Audit Committee ı UENR
Mar. 2018-2020	Proposal Development Committee (Comp. Sci. & Inform. Dept.) ı UENR
Sep. 2016-Jan. 2018	Website Management Committee ı CUCG
Sep. 2016-Jan. 2018	Examination Malpractice Committee ı CUCG

ORGANIZATIONS

Aug. 2021- Current	Institute of ICT Professionals Ghana (IIPGH)
Jul. 2021- Current	Stanford Quantum Computing Association
Feb. 2021- Current	Python Ghana
Feb. 2021- Current	European Alliance for Innovation (EAI)
Dec. 2020- Current	International Computer Science and Engineering Society (ICSES)
Apr. 2020- Current	Institute of Research Engineers and Doctors (IRED) – Associate Member
2018-Current	Ghana Science Association (GSA)
Feb. 2018-Current	University Teachers Association of Ghana (UTAG)
Sep. 2014-Current	International Association of Engineers (IAENG)
May 2015-Current	International Association of Computer Science and I.T (IACSIT)
Jun. 2015- Jun. 2018	Institute of Research Engineers and Doctors (IRED) – Student Member

IEEE TECHNICAL COMMITTEES, COUNCILS, COMMUNITIES

Sep. 2021- Current	IEEE Nanotechnology Council
Sep. 2021- Current	IEEE Sensors Council
Jul. 2021- Current	Intelligent Informatics, IEEE Computer Society Technical Committee
Jul. 2021- Current	Data Engineering, IEEE Computer Society Technical Committee
Jul. 2021- Current	Cloud Computing, IEEE Computer Society Technical Committee
Jul 2021- Current	Software Engineering, IEEE Computer Society Technical Council
Jul. 2021- Current	Security and Privacy, IEEE Computer Society Technical Committee
May. 2021- Current	IEEE Collabratec
May 2021- Current	IEEE Quantum Technical Community

CERTIFICATES OF ACHIEVEMENT

Feb. 22, 2022	IEEE Quantum Internet Summit
Feb. 2, 2022	IEEE Quantum Computing Healthcare Summit
Jan. 10, 2022	IEEE Quantum Computing Innovation Summit
Dec. 27, 2021	IEEE Quantum Engineering Bootcamp: Module 2 - Integrating Your Findings - Best Practices and Pitfalls for Setting Up a Quantum HW Test Program
Dec. 27, 2021	IEEE Overview of Quantum Machine Learning Algorithms

Dec. 27, 2021	IEEE Spin Qubit System Integration with Advanced Semiconductor Manufacturing
Dec. 27, 2021	IEEE Implications of Quantum Technologies for Cybersecurity
Dec. 27, 2021	IEEE Bringing a Quantum Computer to Life with RF Pulses: Fundamental Aspects of Pulse Level Control
Dec. 27, 2021	IEEE Fundamental Concepts in Quantum Error Correction
Dec. 27, 2021	IEEE Quantum Systems Engineering for Scientists
Dec. 27, 2021	IEEE Systems Engineering Approaches and Challenges in Quantum Computing
Dec. 26, 2021	IEEE CEO Summit on Quantum Computing
Dec. 26, 2021	IEEE Quantum AI Sustainability Symposium
Dec. 26, 2021	IEEE Quantum: Quantum Engineering: Photonics in Quantum Computing and Quantum Networking
May. 12, 2021	IEEE Quantum: Automation and Synthesis of Quantum Circuits
May. 05, 2021	IEEE Quantum: A Hands-On Approach to Quantum Computing Learning – Comics and Coding
Apr. 28, 2021	IEEE Quantum Workforce Development: A New Approach to Quantum Machine Learning
Apr. 20, 2021	IEEE Quantum: Bootcamp - Module 1: Test and Evaluation for Quantum Devices

CONFERENCES, SEMINARS, WEBINARS AND WORKSHOPS

Mar 02, 2022

Quantum Webinar I IEEE

Topic: IEEE Quantum Computing Climate Change Summit

Keynote Speakers: **John Levy,** CEO, SEEQC, **Steve Brierley**, CEO, Riverlane, **Masayoshi Terabe**, Head of Quantum Transformation (QX), Sumitomo Corporation, **Paul Lipman**, President Quantum Platforms, ColdQuanta, **Richard Murray**, CEO, ORCA Quantum Computing

Roundtable Discussion

Moderator: **Raghunath Koduvayur**, Head of Marketing and Communications, IQM Quantum Computers

Panelists: **Rima Kasia Oueid**, Commercialization Executive at United States Department of Energy, **Daniel Franke**, Principal at M Ventures, **Dr. Mansour Taghavi Azar Sharabiani**, Lecturer, Imperial College London

Feb 02, 2022

Quantum Webinar I IEEE

Topic: IEEE Quantum Computing Healthcare Summit

Keynote Speakers: **Mark Nicholas Jones**, CEO, Molecular Quantum Solutions, **Hans Melo**, Ph.D., CEO, Menten AI, Inc., **Joseph Emerson**, Ph.D., Head of Quantum Strategy, Keysight Technologies**, Julian van Velzen**, CTIO and Head of Capgemini Quantum Lab

Invited Experts: **Dr. Frederik Flother,** IBM Quantum Life Sciences & Healthcare Industry, Consultant, IBM Academy of Technology Member & Master Inventor, Quantum Computing & AI, **Dr. Elica Kyoseva**, Quantum Computing Scientist, Boehringer-Ingelheim

Jan. 18- Feb 08, 2022	Webinar I Charles Sturt University
	Topic: Certified Information Systems Security Professional (CISSP) (Updated) Short Course
Jan. 10, 2022	Quantum Webinar I IEEE
	Topic: IEEE Quantum Computing Innovation Summit
	Keynote Speakers: **Matt Johnson**, CEO at QC Ware**, Oscar Diez**, Head of Quantum Computing at the European Commission**, Jan Goetz**, CEO at IQM, **Michael Marthaler**, CEO at HQS Quantum Simulations, **Emmanuel Viale**, Managing Director at Accenture Technology Innovation
	Invited Experts: **Peter Clark**, Head of Computational Science & Engineering, Johnson & Johnson, Janssen Therapeutics Discovery, **Erik Huestis**, Partner, Foley Hoag, **Heather West**, Senior Research Analyst, IDC
Dec. 27, 2021	Quantum Webinar I IEEE
	Topic: IEEE Quantum Engineering Bootcamp: Module 2 - Integrating Your Findings - Best Practices and Pitfalls for Setting Up a Quantum HW Test Program
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructor: **Will Madsen**, Quantum Systems Engineering and Architecture Manager, Rigetti Computing
Dec. 27, 2021	Quantum Webinar I IEEE
	Topic: Overview of Quantum Machine Learning Algorithms
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructor: Dr. Troels Steenstrup Jensen, Head of KPMG Global Quantum and Head of Machine Learning at KPMG Denmark, Marco Ugo Gambetta, NewTech Consultant at KPMG Denmark
Dec. 27, 2021	Quantum Webinar I IEEE
	Topic: Spin Qubit System Integration with Advanced Semiconductor Manufacturing
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructor: Dr. Lester Lampert, Quantum Computing Engineer at Intel Corporation
Dec. 27, 2021	Quantum Webinar I IEEE
	Topic: Implications of Quantum Technologies for Cybersecurity
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructor: Dr. Troels Steenstrup Jensen, Head of KPMG Global Quantum and Head of Machine Learning at KPMG Denmark, Marco Ugo Gambetta, NewTech Consultant at KPMG Denmark

Dec. 27, 2021	Quantum Webinar I IEEE
	Topic: Bringing a Quantum Computer to Life with RF Pulses: Fundamental Aspects of Pulse Level Control
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructor: Dr. Lior Ella, Research and Product Team Leader, Quantum Machines
Dec. 27, 2021	Quantum Webinar I IEEE
	Topic: Fundamental Concepts in Quantum Error Correction
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructor: Dr. Julian Kelly, Research Scientist, Google AI Quantum
Dec. 27, 2021	Quantum Webinar I IEEE
	Topic: Quantum Systems Engineering for Scientists
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructor: Dr. John Martinis, Physics Professor, UCSB
Dec. 27, 2021	Quantum Webinar I IEEE
	Topic: Systems Engineering Approaches and Challenges in Quantum Computing
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructor: Will Madsen, Quantum Systems Engineering and Architecture Manager, Rigetti Computing
Dec. 26, 2021	Quantum Webinar I IEEE
	Topic: Quantum Engineering: Photonics in Quantum Computing and Quantum Networking
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructor: **Dr. Peter McMahon**, Assistant Professor, Cornell University School of Applied and Engineering Physics (AEP)
Dec. 26, 2021	Quantum Webinar I IEEE
	Topic: Quantum CEO Summit on Quantum Computing
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Keynote Speakers: **Rob Hays**, CEO & President, Atom Computing & **Dr. John Martinis**, CEO, Quantala & **Dr. Vikram Sharma**, CEO, QuintessenceLab & **Dr. Michele Mosca**, CEO, evolution
Dec. 26, 2021	Quantum Webinar I IEEE
	Topic: Quantum AI Sustainability Symposium
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program

Keynote Speakers: **Dr. Lucas Joppa,** Chief Environmental Officer, Microsoft & **Ms. Jenny Bofinger-Schuster**, Senior Vice President for Sustainability & Operational Excellence, Siemens

Oct. 6, 2021   Dell Technologies Emerging Africa Forum I Dell Technologies

Topic: General Session - The Data Driven Future is Now

Speakers: **Habib Mahakian, Michael Dell, Mohammed Amin, Dawn Jones, Vanice Hayes, Jason Sandery, Aongus Hegarty, Daniel Keyworth, Haile Gebrselassie**, etc.

Topic: Create New Value by Innovating with Data

Speaker: **Faiz Parkar**, Messaging Director, Data Innovation, Dell Technologies

Topic: Developing a Collaborative, Agile Workspace with Dell Technologies

Speaker: **Jason Goh**, Director, Industrial Design Engineering, Dell Technologies

May. 12, 2021   Quantum Webinar I IEEE
Topic: Automation and Synthesis of Quantum Circuits

Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program

Instructors: **Amir Naveh**, Co-Founder and Head of Algorithms, Classiq Technologies

May. 05, 2021   Quantum Webinar I IEEE
Topic: A Hands-On Approach to Quantum Computing Learning – Comics and Coding with Q#

Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program

Instructors: **Dr. Kitty Y. M. Yeung**, Microsoft Quantum, Sr. Program Manager

May. 05, 2021   Quantum Webinar I IEEE
Topic: A Hands-On Approach to Quantum Computing Learning – Comics and Coding with Q#

Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program

Instructors: **Dr. Kitty Y. M. Yeung**, Microsoft Quantum, Sr. Program Manager

April. 28, 2021   Quantum Webinar I IEEE
Topic: Interesting Kernel-Based Quantum Machine Learning Approach

Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program

Instructors: **Dr. Jae-Eun Park**, Program Director for IBM Quantum GBS QCOC

April. 23, 2021   Quantum Web Seminar I WebEx
Topic: Quantum Talks

Instructors: **Carl Williams, Erik DeBenedictis, Chris Franzino, Anne Nielsen**

April. 20, 2021	Quantum Webinar I IEEE Topic: Test and Evaluation for Quantum Devices
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructors: **Will Madsen**, Quantum Systems Engineering and Architecture Manager Rigetti Computing
April. 14, 2021	Quantum Webinar I IEEE Topic: Overview of Quantum Machine Learning Algorithms
	Host: Maëva Ghonda, IEEE Chair, Quantum Computing Education for Workforce Development Program
	Instructors: **Dr. Troels Steenstrup Jensen**, Head of KPMG Global Quantum and Head of Machine Learning at KPMG Denmark, and **Marco Ugo Gambetta**, NewTech Consultant at KPMG Denmark
Nov. 29, 2019	Graduate Research Workshop I TYCO CITY HOTEL Theme: Science and Society: Conducting Research in the Sciences and Engineering
	Moderator: Dr. Mary Antwi I UENR Chairperson: Prof. Harrison K. Dapaah I UENR Speaker: Prof. Robert Kingsford-Adaboh I UG, Legon
Oct. 28-Oct 29, 2019	Workshop on Accelerated Computing by Nvidia Deep Learning Institute I UENR
	By: Dr. Mark Amo-Boateng, NVIDIA ambassador and DLI Certified Master Instructor, Lecturer, UENR
Jan. 27, 2018	Post Graduate Research and Data Analysis Seminar I UENR
	Courses: R Programming Software, SPSS, General Outlook, of Post Graduate Research
	Authorized By: Prof. Emmanuel Opuni-Frimpong, Pro-VC/Dean, School of Graduate Studies
Jan. 19, 2018	Symposium on Smart Evolution, Digitized Ghana I UENR
	Sessions: Smart City, Smart Forest and Smart Energy
	Chairman: Prof. Harrison Kwame Dapaah, Vice Chancellor, UENR
Jan. 25, 2017	Humboldt Fellowship and Award Opportunities I CUCG
	By: Prof. Daniel Obeng-Ofori (Vice Chancellor, CUCG and Humboldt Ambassador Scientist for Ghana)
Mar. 22, 2017	Do leaders' characteristics and regime transitions in Africa matter for citizens' health status? I CUCG
	By: Dr. Frank Gyimah Sackey, Lecturer, CUCG
Feb. 8, 2017	Tracking our electrical electronic waste footprint I CUCG
	By: Dr. Vincent Kyere, Lecturer, CUCG

TRAINING

Jul. 28, 2021	Scopus Training for UENR. Elsevier
	By: Daneshree Moodley, Customer Consultant, Elsevier
Mar. 3 – Mar. 4, 2021	Scopus Training. Elsevier By: Daneshree Moodley, Customer Consultant, Elsevier

REVIEWER

PUBLICATIONS

Nimbe, P., Weyori, B.A., Adekoya, A.F. (2022). A Novel Classical and Quantum Cryptographic Scheme for Data Encryption. Int J Theor Phys. DOI: 10.1007/s10773-022-05054-5

Nimbe, P., Weyori, B.A., Adekoya, A.F. Awarayi N.S. (2022). Implementation of Framework for Quantum-Classical and Classical-Quantum Conversion. Int J Theor Phys 61, 37. DOI: 10.1007/s10773-022-04975-5

Nti, I.K., Nyarko-Boateng, O., Boateng, S., Bawah, F.U., Agbedanu, P.R., Awarayi, N.S., Nimbe, P., Adekoya, A.F., Weyori, B.A., Akoto-Adjepong, V. (2021). Enhancing Flood Prediction using Ensemble and Deep Learning Techniques. 22nd International Arab Conference on Information Technology (ACIT). DOI: 10.1109/ACIT53391.2021.9677084, pp. 1-9.

Nimbe P., Weyori B.A., Adekoya F.A. (2021). Rotation of bits: a classical and quantum perspective. Journal of Electrical Systems and Inf Technol 8(4). DOI: 10.1186/s43067-021-00029-8

Nimbe P., Weyori B.A., Adekoya F.A. (2021). Models of Quantum Computing: a systematic review, Quantum Inf Process 20(80). DOI: 10.1007/s11128-021-03021-3

Nimbe P., Weyori B.A., Yeng P.K. (2021). A Framework for Quantum-Classical Cryptographic Translation, Int J Theor Phys 60(1). DOI: 10.1007/s10773-020-04698-5

Nti I.K., Adekoya F.A., Opoku M., Nimbe P. (2020). Synchronising social media into teaching and learning settings at tertiary education, International Journal of Social Media and Interactive Learning Environments 6(3):230 DOI: 10.1504/IJSMILE.2020.109228

Yeng P.K, Nimbe P., Weyori B.A., Solvoll T., Yang B. (2019). Web Vulnerability Measures for SMEs, Proceedings of the 12th Norwegian Information Security Conference, NISK Journal, Vol. 12

Nimbe P., Yeboah F.S., Opoku M. (**2015**). An Efficient Approach to Unifying Electronic Mail Services, International Knowledge Press, Asian Journal of Mathematics and Computer Research, ISSN No. : 2395-4205 (Print), 2395-4213 (Online), Vol.: 8, Issue: 4, pp. 317-326

Opoku M., Davis J.G., Nimbe P. (**2015**). Security Evaluation of the Smartphone Platforms: A Case Study with Android, iOS and Windows Phones, International Knowledge Press, Asian Journal of Mathematics and Computer Research, ISSN No. : 2395-4205 (Print), 2395-4213 (Online), Vol.: 8, Issue: 3, pp. 234-259

Opoku M., Davis J.G., Nimbe P. (**2015**). Evaluation of the Smartphone Platforms: A Case Study with Android, iOS and Windows Phones, International Knowledge Press, Asian Journal of Mathematics and Computer Research, ISSN No. : 2395-4205 (Print), 2395-4213 (Online), Vol.: 6, Issue: 1, pp. 72-92

Nimbe P., Hayfron-Acquah J.B., Weyori B.A. (**2015**) Performance, Security and Statistical Analysis of Nimbe Cipher 1 (NC1), International Knowledge Press, Asian Journal of Mathematics and Computer Research, ISSN No. : 2395-4205 (Print), 2395-4213 (Online), Vol.: 6, Issue: 1, pp. 37-60

Nimbe P., Hayfron-Acquah J.B., Weyori B.A. (2015). An Improved Symmetric Cipher Encryption For Securing Data, International Knowledge Press, Asian Journal of Mathematics and Computer Research, ISSN No. : 2395-4205 (Print), 2395-4213 (Online), Vol.: 4, Issue: 3, pp. 139-154

Nimbe P., Okyere E., Weyori B.A. (2015). An Alternative Technique For Finding the Nth Root of Real Numbers, International Knowledge Press, Asian Journal of Mathematics and Computer Research, ISSN No. : 2395-4205 (Print), 2395-4213 (Online), Vol.: 3, Issue: 1, pp. 32-39, April 2015

Nimbe P., Opoku M., Frimpong S.O. (2015). Hashing String Keys Using NFO and NOF Collision Resolution Strategies, International Journal of Innovation and Scientific Research ISSN 2351-8014 Vol. 13 No. 1, pp. 89-97

Nimbe P., Opoku M., Frimpong S.O. (2014). Hash Table Collision Resolution Using a Multi-dimensional Array, International Journal of Innovation and Scientific Research ISSN 2351-8014 Vol. 9 No. 2, pp. 258-267

Nimbe P., Frimpong S.O., Opoku M. (2014). An Efficient Strategy for Collision Resolution in Hash Tables, International Journal of Computer Applications (0975 – 8887) Volume 99– No.10, pp. 35-41

COMMUNITY SERVICE

2019	Evangelism, Preaching and Counselling I Odumaseman Senior High School
2018-2020	Evangelism, Preaching and Counselling I Sunyani Nursing & Midwifery Training College - SNMTC
2016-Current	Evangelism, Preaching and Counselling I UENR
2014-2020	Evangelism, Preaching and Counselling I CUCG
2014	Barcamp Sunyani 2014

Theme: Growing a green economy
November 22 I VAG HALL - SUNYANI
http://www.barcampghana.org/barcamp-sunyani-2014-growing-a-green-economy/
Role Played: Mentoring

2013   Barcamp Sunyani 2013
Theme: Energizing the resource base in Sunyani to act.
November 9 I UENR
http://www.barcampghana.org/register-for-barcamp-sunyani-2013/
https://mightyafrican.blogspot.com/2013/12/enegerizing-resource-base-in-sunyani-to.html
Role Played: Mentoring

2012   Barcamp Sunyani 2012
Theme: First-ever Barcamp Sunyani -- The experience.
April 21 I UENR - Faculty of Forest Resources Technology (KNUST - SYI)
https://qaphui.blogspot.com/2012/04/1st-ever-barcamp-sunyani.html

STUDENT PROJECT WORKS SUPERVISED (BACHELORS & DIPLOMA)

2021	Greener FM Management System I UENR
2021	District Education Office Information Management System (DEOIMS) I UENR
2021	Design and implementation of E-Commerce Website I UENR
2021	RentaRoom Software I UENR

2021	Design and Implementation of a Web-Based Alumni Tracking System for University of Energy and Natural Resources I UENR	
2021	E-library Management System I UENR	
2021	Pizzeria Ordering System I UENR	
2021	Vehicle Management System for Danfos Auto Engineering and Consultancy I UENR	
2021	UENR Management Information System I UENR	
2021	Waste Management System in Rural and Urban Areas Using Internet of Things I UENR	
2020	Designing a Website for the Department Of Computer Science and Informatics on UENR Campus I UENR	
2020	Design and Implementation of a Pharmacy Information System: Case Study at Opportunity Herbal Clinic I UENR	
2020	Design and Implementation of a Computerized Universal Point of Sales I UENR	
2020	A Systematic Review of Pharmacy Information Systems I UENR	
2020	Design and Implementation of Facility Management System (A Case Study of UENR Estate Office) I UENR	
2019	IOT Based Smart Home Energy Management Application I UENR	
2019	Tracking and Monitoring System for Ghana I UENR	
2019	Mobile Application for Visually Impaired Students I UENR	
2018	Predicting Air Pollution with Artificial Neural Networks I UENR	
2018	Developing a Backbone Database System (Ghana as a case study) I UENR	
2018	Digital Signature Verification using Artificial Neural Networks I UENR	
2018	Intelligent Hybrid Algorithm for Municipal Waste Prediction (Case study of Sunyani Municipality) I UENR	
2018	Load control management in intelligent networks I UENR	
2018	Mobile Application to enhance client services of sanitation agencies, Case Study – Zoomlion I UENR	
2018	Intelligent Approach to Predicting Power Generation I UENR	
2017	Cloud Records Management (Patients Records)	CUCG	
2017	University Systems (Website, Student, Lecturer Portal)	CUCG	
2017	Airline Reservation System	CUCG	
2017	Election Monitoring System	CUCG	
2017	Ticketing and Tracking System for Interschool Games (SET)	CUCG	
2016	Instructional Assistant for Junior High School (An Automated Teaching Assistant) |CUCG	
2016	Disease Outbreak Monitoring System |CUCG	
2016	An E-Commerce Application for Electronics Consumables	CUCG	

SOFTWARE PROJECTS UNDERTAKEN

Microfinance System (MiFi)
National Climate Change Expert Mapping System
Electronic Voting System
SVD Information Management System (SIMS)
Didactic Portal

SKILLS

Quantum Computing (Python, Qiskit, jsqubits, TKET)
Full-Stack Quantum Computation
Web Programming (Python and Django)
Data Analytics Programming (Python and Pandas)