

CURRICULUM VITAE



Personal Data

Full Name: ALI, Rex Ndubuisi
Department: Electronic Engineering, University of Nigeria, Nsukka.
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Phone Number: +1 (267) 984-9721
Specialization: Information and Decision Systems
Nationality: Nigeria

Academic Qualifications

West African School Certificate (1997 - 2003)

Community Secondary School, Umuogbo Agu, Enugu Ezike, Igbo Eze North LGA, Enugu State. Obtained O' Level School Certificate (GCE WASSCE and NECO).

BEng. Degree (2006 – 2011)

University of Nigeria, Nsukka, Enugu State
Bachelor of Engineering, Electronic Engineering

MS Degree (2014 - 2016)

University of Pennsylvania, Philadelphia, PA 19104, United States
Master of Science in Engineering, Electrical Engineering.

Certifications and Computer Skills

Cisco Certified Network Associate (23 July 2016 – 23 July 2019)
Cisco Certified Network Professional (7 Sept 2016 – 7 Sept 2019)
Language: Python, Java
Applications: Matlab, MS Excel, MS Word, MS PowerPoint, GNS3, Windows, Linux (Ubuntu) , Wireshark

Work Experience

University of Nigeria, Nsukka (March 2013 - present) - **Graduate Assistant:** Supports/advice students during Communications and Control labs, and graded Homework/Exams

Lagos State Universal Basic Education Board, Lagos (March 2012 - February 2013) - **Teacher:** Taught Computer Studies (basic computer appreciation) to three classes of about 200 pupils.

Management Information System (Data Center), University of Nigeria Nsukka (September 2011 – February 2012) **Network Engineer Volunteer:** Monitoring and troubleshooting of Lionet Wireless Network (Campus Network). Deployment of Customer Premise Equipment (CPE) to customer sites.

Business Connexion Inc., Lagos (August 2010 - December 2010) - **Network Engineer Intern:** Deployed, configured and installed access points, Customer Premise Equipment (CPE), Switches, and Routers for the Google-UNN wireless Network project, crimped network cables, and monitored network.

Research/Project/Journal Publication

Handoff and Drop Call Probability: A Case Study of Nigeria's Global System for Mobile Communications (GSM) Sector, SJET-Vol-3: Issue-2A, Feb-Mar, 2015. ISSN: 2321- 435X (Online) ISSN 2347-9523 (Print).

Design and Implementation of Legislative Electronic Voting Machines (**LEVIM**), Degree project, Department of Electronic Engineering, University of Nigeria, Nsukka (August 2011).

Honors and Awards

Presidential Special Scholarship Scheme for Innovation and Development (**PRESSID**) 2014 scholar
Ifeyinwa Ezechukwu Memorial Prize to the Best Graduate in Electronic Engineering, UNN (January 2012)

Activities

April 2016 – Student member, Institute of Electrical and Electronics Engineers (**IEEE**)

August 2014 – Member, National Society of Black Engineers (**NSBE**)

January 2009 - August 2011, Secretary General, National Association of Umuogbo-Agu Undergraduates (**NAUU**)

REFEREES

1. Dr. Ocek Eke
Director of Global and Local Service Learning Programs
University of Pennsylvania, Philadelphia
PA 19104 USA
2. Professor Richard Blahut
Department of Electrical and Systems Engineering
University of Pennsylvania, Philadelphia
PA 19104 USA
3. Professor Cosmas Ani
Department of Electronic Engineering
University of Nigeria Nsukka
Enugu State, Nigeria