**Eze Ethelbert Chinedu**

*Flat 112, Coomb Road, Brigthon, Sussex.*

*BN2 4EE*

*Mobile: +447459430721*

*email: e.eze@sussec.ac.uk*

**Summary**

I have eigth years + practical experience in telecommunication systems both in installation and maintenance, managerial and strong interpersonal skills. In my career, I am able to generate kind heart of learning; thus understanding service delivery is my joy.

**Skills**

* Proficient user of Python, MATLAB, R, Excel - used both for collating and analyzing archived wind profile and satellite data.
* Used Python in building predictive model on a live dataset.
* Competent user of Miscrosoft Power-Point, Word applications.
* Development of electronic database system for storing Satellite Images using Access.

**Work History**

***Senior Scientific Officer***

February 2009 to January 2016

***Nigerian Space Agency*** – Abuja, Nigeria.

***Associate Tutor.***

September 2013 – April 2015

***University of Sussex*** – Falmer, Brighton.

***PhD Research Student***

September 2013 to Current

***University of Sussex*** – Brighton, Sussex.

**Education & Training**

Training on MATLAB: Engineering & Design **[2012]**

University of Sussex, UK

**MSc in Satellite Communications & Space Sustems [2012]**

University of Sussex, UK

**B. Engineering**   **[2006]**

Second Class, Upper Division

Electronic Enginnering

University of Niigeri, Nsukka

Nigeria.

**Interests**

Playing and watching Football, Cooking and Social Media.

**References**

Prof. Chris Chatwin

Department of Engineering & Design.

University of Sussex

E-mail: C.R.Chatwin@sussex.ac.uk

Alhamdu Bello

University of Sussex ITS.

University of Sussex, UK.

Brighton BN1 9QT

Email: ab570@sussex.ac.uk

**Experience**

March 2009 – february 2015

***National Space Research & Development Agency, NASRDA***

Use of Python and Excel for Data Manipulations, normalization, standardization etc for time-series  wind speed predictive modeling to predict wind farm power output.

* Understand data visualization in python using ggplot and MatplotLib libraries and packages.
* Use R for analytics data modeling.
* Lead head, ground receiving unit at Centre for Remote Sensing, Jos, Nigeria.
* Responsible for coordination of 25 ground station Engineers on satellite image downloading, processing, archiving and cataloguing.
* Creation of mission planning to know the name of satellite, time and date at which it is passing Nigeria - West Africa horizon using two line elements (TLE) algorithm.
* Use of MATLAB to model effect of noise in mobile communication systems testing on QAM, PSKs MQAM, and MPSK systems

April 2007 – March 2008

***DCC satellites & Networks,.***

* 11a Igbodo Street, Old GRA Portharcourt, Rivers state, Nigeria.
* Voluntary experience.

**Accomplishments**

Project handled successfully.

* Bulding Predictive model in Python for Prediction of Wind-Farm Power output.
* Design of Tier 3 Data Centre and integration to the Internet via NigComSat 1R Satellite; Project carried out based on Cisco Tier 3 model design which was integrated through the communication satellite using STK as link budget analysis was carried out for link performance in satisfaction of Masters of science in Satellite Communications & Space systems at University of Sussex, UK.
* Land Use Land Cover.
* This project aims at checkmating the area of land in Nigeria covered by water, the cultivated land, urbanization, irrigated land etc.
* using ERDAS imagine, ILWIS and ARCHVIEW GIS softwares.
* After which, the federal Government of Nigeria is meant to be advised on what to do as regards to the areas of Land been taken by either urbanization, cultivation, irrigation etc.
* and why it there is if any.

**Skills**

* Data Analytics Platforms: Python, R and MATLAB and Excel.
* System Administrator: Teamwork, Troubleshooting, Upgrading
* Health-care: Observations, great bedside manner, enthusiastic people person, advanced problem-solving, great organizational skills.