

UN VOLUNTEER DESCRIPTION OF ASSIGNMENT

NGAR000169--Data Visualisation Specialist

The United Nations Volunteers (UNV) programme is the UN organization that promotes volunteerism to support peace and development worldwide. Volunteerism can transform the pace and nature of development and it benefits both society at large and the individual volunteer. UNV contributes to peace and development by advocating for volunteerism globally, encouraging partners to integrate volunteerism into development programming, and mobilizing volunteers. In most cultures volunteerism is deeply embedded in long-established, ancient traditions of sharing and support within the communities. In this context, UN Volunteers take part in various forms of volunteerism and play a role in development and peace together with co-workers, host agencies and local communities. In all assignments, UN Volunteers promote volunteerism through their action and conduct. Engaging in volunteer activity can effectively and positively enrich their understanding of local and social realities, as well as create a bridge between themselves and the people in their host community. This will make the time they spend as UN Volunteers even more rewarding and productive.

General Information

Country of Assignment	Nigeria
Host Institute	United Nations Development Programme
Volunteer Category	International Specialist
Number of Volunteer	1
Duration	12 months
Expected Starting Date	Immediate
Duty Station	Abuja [NGA]
Assignment Place	Family Duty Station

Assignment Place Remark

Assignment will take place in Abuja classified as C under the UN security classification. It is a family duty station.

Living Conditions

The assignment will take place in the nation's capital, Abuja (Hardship classification C).

With approximately 184 million inhabitants, Nigeria accounts for 47% of West Africa's population, and has one of the largest populations of youth in the world. It is a political federation that consists of 36 autonomous states, and a multi-ethnic and culturally diverse society. With an abundance of natural resources, Nigeria—Africa's biggest oil exporter—also has the largest natural gas reserves on the continent. Nigeria is located in western Africa on the Gulf of Guinea and has a total area of 923,768 km² making it the world's 32nd-largest country. It shares borders with Benin (773 km), Niger (1,497 km), Chad (87 km), Cameroon (1,690 km), and has a coastline of at least 853 kilometres. Nigeria lies between latitudes 4 and 14 N, and longitudes 2 and 15 E. The country is viewed as a multinational state, as it is inhabited by over 500 ethnic groups, of which the three largest are the Hausa, Igbo and Yoruba; these ethnic groups speak over 500 different languages and are identified with wide variety of cultures. The official language is English.

Nigeria continues to face terrorist attacks in the northeast, a restive insurgency in the Delta region, and the perennial inter-communal violence across the middle belt. At the root of the security challenges are high levels of poverty, joblessness, growing numbers of

frustrated youth, and the degradation of natural resources and climate stressors. The critical and immediate challenge is ensuring the welfare of the internally displaced people, host communities, and population in the North- East. Terrorism is the main threat in the Federal Capital Territory (FCT) Abuja SLA. General crime is also prevalent. UN staff members are advised to stay only in assessed hotels. Assessed hotels list available with Agency Security Focal Points.

The currency used in Nigeria is called Nigeria Naira (the currency code for Naira is NGN, and the currency symbol is ₦)

Assignment Details

Assignment Title Data Visualisation Specialist

Organizational Context & Project Description

UNDP Nigeria has established a Knowledge Hub to enhance its ability to make timely and evidence-based interventions, particularly in areas of Preventing and Responding to Violent Extremism, conflict prevention and human security. A new type of 'development intelligence gathering', i.e. continuous monitoring and data collection, is crucial to inform UNDP's work for early warning, adjust interventions to maximize preventive efforts and initiate new thematic approaches. Trend analyses and ad-hoc policy briefs will also inform interventions of UNDP's development partners in this field. Through harnessing the potential offered by both old and new sources of data, it is UNDP's hope that the accuracy and precision of its development responses are increased and a strong foundation for meaningful public policy making, efficient resource allocation and effective public service delivery is created. The ultimate objective of the Knowledge Hub is to harness data, including real time data, for development through providing evidence-based intelligence that can be translated to meaningful policies and planning for development impact. Reporting to the UNDP Nigeria RR's Office, the Knowledge Hub will consist of three complementary Units that work in mutual complementarity, cross-pollination and strong collaboration, which is required because of the highly specialized individual expertise in each of the units.

1.Data Analysis Unit, which will focus on collection of primary data, establishment and maintenance of a database of 'development intelligence', the analysis of the data collected as well reporting of the results. This unit will include five data analysts specializing in the following areas; big data, GIS/geospatial analysis, visualisation, survey methodology and econometrics/social sciences.

2.Reporting & Programming Unit, which will produce reports and tools using primary data collected into ongoing and future programming of the entire UN Country Team in the domains of PVE, conflict prevention and human security.

3.Partnerships Unit, which will manage strategic partnerships with third party (local) researchers throughout Nigeria, as well as with local and international (academic) institutions for quality assurance of the knowledge products.

This recruitment is for a Data Visualisation Specialist that will be part of Data Analysis Unit within the Knowledge Hub. The Data Visualisation Specialist will implement data visualization products to communicate applied innovative data projects. He/She will provide guidance and support producing visualizations, dashboards and interactive web applications across the Knowledge Hub teams.

Sustainable Development Goals 17. Partnerships For the Goals

Task description

Within the delegated authority and under the supervision of the Knowledge Hub Coordinator or his/her designated mandated representative(s), the UNV Data Visualisation Specialist will:

- Support design and development of data visualization products, both static and interactive, related to the Knowledge Hub's initiatives ;
- Create information products that synthesize large amounts of information obtained from data science analysis techniques into insights relevant to development subject experts;
- Develop high quality presentations and dashboards using data driven visualizations
- Support the design and development of scalable interactive web applications;
- Perform quick data visualization studies that can help the overall understanding of data sets and problem statements relevant UNDP Nigeria teams and partners;
- Produce visual representations of data findings/trends, including those resulting from spatial analysis, and information products to communicate innovation projects outcomes to different stakeholders;
- Provide support in developing partnerships and networks, including engagement with researchers from the data visualization, information design and human-computer interaction communities;
- Support the communications strategy of the Hub in producing relevant communication material including infographics and presentations
- Participate in workshops, meetings and conferences as needed
- Provide support with other related tasks as requested by the Hub Coordinator.

Furthermore, UN Volunteers are required to:- Strengthen their knowledge and understanding of the concept of volunteerism by reading

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relevant UNV and external publications and take active part in UNV activities (for instance in events that mark International Volunteer Day)- Be acquainted with and build on traditional and/or local forms of volunteerism in the host country- Provide annual and end of assignment reports on UN Volunteer actions, results and opportunities using UNV's Volunteer Reporting Application- Contribute articles/write-ups on field experiences and submit them for UNV publications/websites, newsletters, press releases, etc.- Assist with the UNV Buddy Programme for newly-arrived UN Volunteers- Promote or advise local groups in the use of online volunteering, or encourage relevant local individuals and organizations to use the UNV Online Volunteering service whenever technically possible.

Results/Expected Outputs

- As an active UNDP team member, efficient, timely, responsive, client-friendly and high-quality support rendered to UNDP and its beneficiaries in the accomplishment of her/his functions.
- o The key results have an impact on creation a development intelligence gathering whereby the continuous monitoring collection of real time data and its subsequent analysis contributes towards improved and evidence-based interventions that can improve the lives of the people UNDP Nigeria serves.
- o Through the use of twenty-first century approach to impact monitoring, building social software for evidence-based decision making, and identifying new areas of effective and innovative ways of intervention and monitoring, the key results will have an impact towards contributing to new, efficient and innovative ways for UNDP to deliver on its mandate as well as its contribution towards operationalisation of the SDGs. These key results will also allow the Hub to sustain visibility among both domestic and international audiences as well as a thought leader at the time reaching resource mobilisation targets.
- The development of capacity through coaching, mentoring and formal on-the-job training, when working with (including supervising) national staff or (non-) governmental counter-parts, including Implementing Partners (IPs); • Age, Gender and Diversity (AGD) perspective is systematically applied, integrated and documented in all activities throughout the assignment • A final statement of achievements towards volunteerism for peace and development dur-ing the assignment, such as reporting on the number of volunteers mobilized, activities participated in and capacities developed

Qualifications/Requirements

Required Degree Level Master degree or equivalent

Education - Additional Comments

Masters degree in Computer Science, Data Science, Statistics, Data Visualization or other relevant discipline. In lieu of a Master's degree, a Bachelor's degree in same field with at least 5 years of cognate experience will be accepted

Required experience 36 months

Experience Remark

- A minimum of 3 years of experience in data/information visualization, information design, or related discipline is required;
- Proven experience in developing high quality data driven infographics and presentations with a strong understanding of graphic design fundamentals;
- Proficiency in the use software required to create static and interactive data driven infographics, products, and dashboards (Adobe suite, Tableau, Flourish, etc.)
- Experience in developing visualization-applications using libraries and software like D3.js, Vega-Light, Leaflet.js, Processing/P5.js, CartoDB, or Mapbox;
- Experience in developing front-end for web-applications using libraries like Bootstrap, Materialize, AngularJS, ReactJS, ember.js, or similar applications;
- Experience in developing back-end for web-applications using frameworks and libraries like Python, Django, CherryPy, SQL, or node.js is an asset;
- Experience in cleaning and processing various types of data is desired;
- Proven ability to communicate complex, abstract concepts using both visual, and written language is required;
- Experience in using data science frameworks and interfaces like SciPy, NumPy, Pandas, Jupyter Notebook, R, or similar is a strong asset;

- Proven ability to manage relationships with partners, including peers, government, universities, UN organizations, NGOs, or private sector is a strong asset;
- Familiarity with the big data for development;
- Ability to think visually about data;
- Ability to synthesize large amounts of information to create clear graphics is required.
- Conscientious and efficient in meeting commitments, observing deadlines and achieving results
- Accuracy and professionalism in document production and editing;
- *Excellent interpersonal skills; culturally and socially sensitive; ability to work inclusively and collaboratively with a range of partners, including grassroots community members, religious and youth organizations, and authorities at different levels; familiarity with tools and approaches of communications for development;*
- Ability to work and adapt professionally and effectively in a challenging environment; ability to work effectively in a multicultural team of international and national personnel;
- Self-motivated, ability to work with minimum supervision; ability to work with tight deadlines;
- Sound security awareness;
- Have affinity with or interest in UNDP's work volunteerism as a mechanism for durable development, and the UN System.

Language

- English (Mandatory) , Level - Fluent

Area of Expertise

- Web and graphic design Mandatory

Area of Expertise Requirement

Experience in human-centered design is an asset;

Need Driving Licence

No

Competencies & Values

- Accountability
- Adaptability and Flexibility
- Creativity
- Empowering Others
- Ethics and Values
- Integrity
- Judgement and Decision-making
- Knowledge Sharing
- Planning and Organizing
- Professionalism
- Respect for Diversity
- Self-Management
- Technological Awareness
- Working in Teams

Conditions of Service and other information

Condition of Service

[Click here to view Conditions of Service](#)

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Conditions of Service for International Specialist:

Note on novel coronavirus – COVID-19.

The rapidly changing nature of novel coronavirus COVID-19 has placed significant and increasing restrictions on the freedom of movement of people across the globe, within countries and across borders. Such restrictions make it very difficult for international UN Volunteers to begin their assignments at their assigned duty station and UNV cannot guarantee assignments will proceed as normal.

Candidates for international UN Volunteer assignments during this period may be exceptionally granted alternative working arrangements to work from their place of recruitment until restrictions are lifted. This is at the discretion of the host entity. Candidates proceeding to interview are recommended to discuss the likelihood of travel and possible alternative arrangements with the host entity. If selected, candidates should carefully consider the circumstances before accepting UNV's offer.

In cases where the UN Host Entity partner has requested the UN Volunteer to perform their assignment remotely, the Post Adjustment Multiplier (PAM) and related entitlements to be paid may be adjusted to the temporary duty station from where the UN Volunteer has been requested to work if requested by the UN Host Entity.

The contract lasts for the period indicated above with possibility of extensions subject to availability of funding, operational necessity and satisfactory performance. However, there is no expectation of renewal of the assignment.

A UN Volunteer receives a Volunteer Living Allowance (VLA) which is composed of the Monthly Living Allowance (MLA) and a Family Allowance (FA) for those with dependents (maximum three).

The Volunteer Living Allowance (VLA) is paid at the end of each month to cover housing, utilities, transportation, communications and other basic needs. The VLA can be computed by applying the Post-Adjustment Multiplier (PAM) to the VLA base rate of US\$ 1,682. The VLA base rate is a global rate across the world, while the PAM is duty station/country-specific and fluctuates on a monthly basis according to the cost of living. This method ensures that international UN Volunteers have comparable purchasing power at all duty stations irrespective of varying costs of living. The PAM is established by the International Civil Service Commission (ICSC) and is published at the beginning of every month on the ICSC website <http://icsc.un.org>.

For UN Volunteer entitlements, kindly refer to the link <https://vmam.unv.org/calculator/entitlements>

In non-family duty stations that belong to hardship categories D or E, as classified by the ICSC, international UN Volunteers receive a Well-Being Differential (WBD) on a monthly basis.

Furthermore, UN Volunteers are provided a settling-in-grant (SIG) at the start of the assignment (if the volunteer did not reside in the duty

station for at least 6 months prior to taking up the assignment) and in the event of a permanent reassignment to another duty station.

UNV provides life, health, permanent disability insurances as well as assignment travel, annual leave, full integration in the UN security framework (including residential security reimbursements).

UN Volunteers are paid Daily Subsistence Allowance at the UN rate for official travels, flight tickets for periodic home visit and for the final repatriation travel (if applicable). Resettlement allowance is paid for satisfactory service at the end of the assignment.

UNV will provide, together with the offer of assignment, a copy of the Conditions of Service, including Code of conduct, to the successful candidate.

Supervision, induction and duty of care of UN Volunteers (Roles and Responsibilities of Host Entity)

UN Volunteers should be provided equal duty of care as extended to all host entity personnel. Host entity support to the UN Volunteer includes, but is not limited to:

- Introductory briefings about the organisation and office-related context including security, emergency procedures, good cultural practice and orientation to the local environment;
- Support with arrival administration including setting-up of bank accounts, residence permit applications and completion of other official processes as required by the host government or host entity;
- Structured guidance, mentoring and coaching by a supervisor including a clear workplan and performance appraisal;
- Access to office space, equipment, IT support and any other systems and tools required to complete the objectives of the assignment including a host entity email address;
- Access to shared host entity corporate knowledge, training and learning;
- Inclusion of the volunteer in emergency procedures such as evacuations;
- Leave management;
- DSA for official travel, when applicable;
- All changes in the Description of Assignment occurring between recruitment and arrival or during the assignment need to be formalized with the United Nations Volunteer Programme;
- Investigate misconduct: sharing reports with the UNV;
- Provide emergency assistance, e.g. the death of volunteer or medical evacuation, in collaboration with UNV. Accept letters of guarantees or potential liabilities for covering medical costs not claimable under medical insurance in extraordinary situations (e.g. isolation facilities` services during pandemics).

Application Code

NGAR000169-10079

Application procedure

*** Not yet registered in the UNV Talent Pool?**

Please first register your profile at <https://vmam.unv.org/candidate/signup>. Important: After creating your account, complete all sections of your profile and submit it. Then go to 'My Page' at <https://vmam.unv.org/candidate/mypage> and click on the 'Special Calls' hyperlink. Lastly,

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select the special call to which you would like to apply.

*** Already registered in the UNV Talent Pool?**

Please first update your profile at <https://vmam.unv.org/candidate/profile>. Then go to 'My Page' at <https://vmam.unv.org/candidate/mypage> and click on the 'Special Calls' hyperlink to select the special call to which you would like to apply.

Application deadline: 06-08-2021

doa.apply_url

<https://vmam.unv.org/candidate/show-doa/TkdBUjAwMDE2OQ==>

Disclaimer

United Nations Volunteers is an equal opportunity programme which welcomes applications from qualified professionals. We are committed to achieving diversity in terms of gender, nationality and culture.

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