



Junior Data Analyst, Scientist, Engineer

About Mitsio Motu

Mitsio Motu is a company specialized in using data and new technologies to enable quality & universal access to basic services (energy, water, connectivity, hygiene, culture, public transport & logistics, health, education...).

We provide Governments, Companies, Investments Funds, Institutions and NGOs with relevant information and tools to help them make the right decision, qualify ground-reality, optimally plan investment and resources, raise funds, monitor their operations. We operate a unique, vertically integrated model, and operate on the field, at the last mile, while developing new technologies and interacting with decision makers.

Mitsio Motu operates from its offices in Lomé (Togo), Lagos (Nigeria) and Paris (France). After foundation in 2018, Mitsio Motu has carried out a variety of missions across West Africa (France, Senegal, Nigeria, Togo, Benin, Sierra Leone, Uganda, DRC, Tanzania...) on account of private, public clients operating in different sectors. Since 2021, Mitsio Motu has grown exponentially and participated in large contracts such as a nationwide infrastructure census (150+ different types of assets), the development of a geoportal and a massive infrastructure deployment plan (50 000+ assets deployed).

The company now aims at capitalizing its knowledge, automatizing its processes, developing new tech solutions, reinforcing its position in Nigeria, Togo and France and expanding in new markets.

What you will do

Working in an innovative start-up, within the data team, in relationship with operations, and tech teams, you will handle various tasks:

Every profile

- Supporting the data team in executing various projects in Togo, West & Central Africa optimizing internal processes and testing new approaches
- Participating in ongoing projects, and support the development of future projects
- Testing innovative and dynamic methodologies and tools to improve data collection, treatment, analysis and visualization (With imagery or scrapping..)
- Writing various analysis notes and reports
- Verifying data quality

As a data analyst:

- Developing complex surveys focused on sectors such as education, health, electricity, hygiene etc
...
- Following up data collection progress and integrating collected data
- Executing data treatment methodologies post collection
- Aggregating and analyzing complex and multi-sectoral databases (cartographic, topological, electrical, hydraulic, forestry, etc.)

+ As a data scientist:

- Designing, developing, documenting and implementing scripts and processes to analyze data and build dashboard

+ As a data engineer:

- Creating data pipelines
- Designing, developing, documenting and implementing scripts and processes to treat, consolidate, import and analyze data

Who we're looking for

- You have a technical background (depending on profiles) : Master in Data Science, Engineering, Geographic information Systems or Urbanism.
- As a curious and involved person, you are keen on being part of a social-impact company.
- You are interested in the issues and challenges of data and infrastructure development in rural, peri-urban and urban areas - especially in Sub Saharan Africa.
- Your entrepreneurial spirit allows you to be a real team partner who is inclined to propose and set up initiatives.
- You have strong analytical skills, both quantitative and qualitative, proven in previous projects
- Your ability to prioritize and plan for the short and medium term permits you to be autonomous and you shows resilience and adaptation, especially in difficult emergency situations

Mandatory:

- French (Fluent)
- English (C1)
- Proficiency in data analysis tools and or/languages such as Python, Suite Office, DMS, SQL, QGIS, ArcGIS, R, Stata, PowerBI, Tableau...
- Graduate Engineering, GIS, Data Science, Urbanism master programs

Understanding of technical issues specific to some of the sectors covered is a plus

Type of contract:

Full time internship/short term contract - 6 months - Competitive salary according to profile

For international employees, International transport, housing, complementary health insurance, field travel cost, will be covered

Where:

Based in Lomé, Togo.

Recruitment process:

1) First contact HR phone call 2) Case study 3) Interview with the Management team

Send your resume and cover letter, as well as any relevant document or link (Github, previous projects...) with the following email title 24-01-JUNIOR-DATA to : candidature@mitsiomotu.com and apply for an interview on our calendly : <https://doodle.com/meeting/participate/id/b6Y6BZLa>