



Junior Data Analyst, Scientist, Engineer Internship

About Mitsio Motu

Mitsio Motu is a company specializing in the use of data and new technologies to enable universal, quality access to basic services (energy, water, connectivity, hygiene, culture, public transport and logistics, health, education, culture...) - and more generally, a company specializing in the design and deployment of innovative, positive-impact solutions.

Mitsio Motu provides public and private ecosystems with relevant information and tools to enable better interaction and decision-making: accessing information and funding, collaborating with its network, planning deployments, monitoring and optimizing operations. We operate a unique model, which involves simultaneously carrying out ambitious field operations, processing complex data, developing tailor-made digital solutions and maintaining rich interactions with decision-makers from a variety of worlds.

Mitsio Motu operates from offices in Togo, France and Nigeria. Since its creation in 2018, Mitsio Motu has carried out various assignments across Sub-Saharan Africa (France, Senegal, Nigeria, Togo, Benin, Ghana, Côte d'Ivoire, Burkina faso Sierra Leone, Uganda, DRC, Tanzania...) in a significant number of sectors.

Our references include

- a variety of assignments involving the deployment, evaluation and optimization of basic infrastructure networks (water, energy, telecommunications, mobility...), as well as agricultural value chains (pastoralism, livestock, market gardening...), networks and ecosystems (start-ups...)
- a nationwide inventory of infrastructures (over 150 different asset types and more than a million infrastructures listed);
- a national geoportal;
- a national deployment plan for 50,000 solar street lamps;
- a national digital platform for start-ups;
- a digital incubator for West African creatives.

The company now aims to capitalize on its knowledge, develop a base of technological solutions, automate its procedures, strengthen its position in Nigeria, Togo and France, and expand into new markets.

What you will do

Within an innovative start-up, as part of the data team, in relation with the operational and technical teams, you will assume various tasks :

- Participate in projects in Togo, West and Central Africa, optimizing internal processes and testing new approaches
- Support the development of future projects
- Develop complex collection forms to be implemented with related tools (KoboCollecte, Mergin Maps)
- Monitor the progress of data collection and integration activities and create dashboards to track operations
- Analyze and clean up quantitative and qualitative data
- Write various analysis notes and reports
- Verify data quality



- Create data pipelines
- Design, develop, document and implement scripts and process, consolidate, import and analyse data

Soft and hard skills we value

You are a student or graduate of a leading engineering school, or of any high-level university course in Data Science, (Geographic) Information Systems or Urban Planning (depending on your profile). Curious and committed, you're keen to take part in innovative projects within a company with a mission.

You're passionate about development issues, access to basic services in rural, peri-urban and urban areas, and the use of new technologies and innovation. You want to be involved in a number of projects with a positive social and environmental impact.

Your entrepreneurial spirit enables you to be a true team player, willing to propose and implement initiatives.

You have strong analytical skills, both quantitative and qualitative, proven in previous projects.

Your ability to prioritize and plan in the short and medium term enables you to be autonomous, and you demonstrate resilience and adaptability, particularly in emergency situations.

Successful initial experience in the relevant field is desirable.

Mandatory:

French (fluent), English (C1)

Proficiency in Google Suite, Microsoft and ChatGPT

Mastery of data analysis tools and/or languages such as Python, Suite Office, DMS, SQL, QGIS, ArcGIS, R, Stata, PowerBI, Tableau...

Understanding of technical issues specific to some of the sectors covered (basic services - water, energy, telecoms; environment; agriculture...) 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.

Possible trips to sub-Saharan Africa

When:

Start: September 2024

End: February 2025

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 24-09-JUNIOR-DATA to : candidature@mitsiomotu.com