

Coordonnées

902 824 3301 (Mobile)
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Principales compétences

Python (Programming Language)
ArcPy
PyQGIS

Languages

English (Professional Working)
French (Native or Bilingual)

Certifications

Python Essential Training
Python Object-Oriented
Programming

Mamadou Tiefin Coulibaly

Développeur et Ingénieur SIG | Expertise en Python, R, SQL, Arcade,
Machine Learning et Analyses Géospatiales
Annapolis, Subdivision B, Nova Scotia, Canada

Expérience

Mairie de Bouake

GIS Specialist & Digital Solutions Assistant
novembre 2021 - juillet 2023 (1 an 9 mois)
Bouaké, Vallée du Bandama, Côte d'Ivoire

Leveraging digital technologies, I played a pivotal role in advancing the project's objectives by creating and implementing digital forms for data acquisition and geolocation of urban infrastructure. My expertise facilitated the effective monitoring of reforestation initiatives. I was instrumental in the development of various thematic maps, including but not limited to:

- Road and hydrographic networks
- Electrical grid distribution
- Recreational, sports, and cultural amenities
- Ecological wetlands delineation
- Educational and healthcare facilities distribution
- Land use and cover patterns

Additionally, my responsibilities encompassed the design and management of a comprehensive geospatial database that supported the project's analytical and reporting needs.

African Techno Lab

Drone Pilot
janvier 2021 - mars 2021 (3 mois)
Abidjan, Côte d'Ivoire

In this role, I spearheaded the operation of various drones, including the Mavic 2 Pro and the Matrice 210 RTK, to conduct comprehensive environmental studies and technical inspections. This initiative was undertaken on behalf of the Ivorian Electricity Company (CIE), focusing primarily on the evaluation and maintenance of electrical pylons. My responsibilities encompassed not only piloting the drones but also ensuring the accuracy and effectiveness of the data collection process.

National Institute of Statistics
Geomatics Engineer

novembre 2019 - janvier 2020 (3 mois)

Abidjan, Côte d'Ivoire

I was responsible for the development of detailed enumeration area maps for the 2019 Ivorian Population Census. This involved the strategic demarcation and visualization of areas for census activities, ensuring precise and efficient data collection across diverse regions. My role was pivotal in facilitating an organized and systematic approach to the national census process.

Formation

Nova Scotia Community College - NSCC

Graduate Certificate, Geographic Information System · (septembre 2023 - mai 2024)

University Center for Research and Application in Remote Sensing

Master's degree, Remote Sensing and Geographic Information Systems
· (2016 - 2019)

Félix Houphouët-Boigny University

Bachelor's degree, Geology · (2012 - 2015)