PATRICK SANG

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AMINI,Nairobi

Geospatial Data Science Intern   March 2025–Current

- Contributing to the Training and development of machine learning models and analytics workflows.
- Processing & Groundthruthing ,satelite derived data for model Training and validation.
- Evaluating Machine Learning Models For Desired Performance metrics.
- Assesing Quality and Reliability of Large scale products including Landuse Land Cover Maps,weather & Soil Maps.
- Working with Cross functional Teams in Intergrating models and Data analytics Workflows into Prodection.
- Documenting technical Findings for Use by Both technical and non-technical Stakeholders.

FlexJobs, Remote

GIS Developer(Freelance)   Aug 2022–Current

- Designing,Developing and Implementing GIS software applications
- Performing Geospatial Data Management and Creating Spatial Databases.
- Developing GIS software,Tools &Plugins
- Performing data analysis and Visualization of GIS data.
- Intergrating GIS with Other Systems.
- Testing and Fixing bugs inGIS applications
- Maintaining Geodatabases.
- Creating Software **Documentations that serve as User Manuals.**

PROFFESSIONAL SKILLS

Accountability|Analytical Thinking|Team Player|EffectiveCommunication|AdaptiveandFlexible|Responsible|Trustworthy|

TECHNICALSKILLS

Python | ArcGIS | ENVI | Geemap | STAC API | DHIS2 | ArcGIS | Google Earth Engine | Docker

EDUCATION

Bachelor of Science ,Maseno University

RelevantCoursework: Geographic Information Science, Remote Sensing, Cartography & Geovisualization,Database Management Systems,Spatial Database Management, Spatial Organisation,Geographic Thought,Computer Networks,Spatial Analysis,Image Interpretation Techniques etc.

                                                                                    2020-2024

CERTIFICATIONS

ESRIMOOC: Spatial Data Science: The New Frontier in Analytics