

Abdiqafar Mohamed

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PROFILE

I am a dedicated GIS and environmental data specialist with extensive experience in spatial data analysis, remote sensing, and environmental management applications. With a strong foundation in geographic information systems (GIS), spatial modeling, and programming, I have applied geospatial techniques to support environmental monitoring, land use planning, and conservation initiatives. My expertise in Python, R, QGIS, and ArcGIS enables me to develop data-driven solutions for environmental challenges. I am eager to further enhance my skills through the Master of Geomatics for Environmental Management at UBC and contribute to innovative research in geospatial applications for environmental sustainability.

HIGHLIGHT OF QUALIFICATIONS

- Over 8 years of relevant experience in community services in fragile contexts, specializing in community engagement, accountability, learning, resilience building, and monitoring program outcomes while documenting lessons learned.
- Proficient in utilizing data collection tools for both qualitative and quantitative data, with strong analytical skills using Excel, SQL, and R programming (including tidyverse packages).
- Extensive experience in vector and raster data analysis, geodatabase creation, cartography, and spatial modeling using QGIS and ArcGIS.
- Skilled in Python for spatial data analysis and machine learning, applying libraries such as GeoPandas, Rasterio, Scikit-learn, and TensorFlow for geospatial data processing and predictive analytics.
- Holds a Master of Arts in Monitoring and Evaluation from Daystar University and is currently pursuing an Advanced Diploma in GIS Applications at Vancouver Island University.
- Played a key role in coordinating multi-agency responses during the highly monitored 2014 Ebola response in Sierra Leone, ensuring effective monitoring and reporting in Kono District.
- Experienced in project monitoring, milestone reporting, and risk assessment, with strong expertise in developing early warning systems for humanitarian interventions.
- High-level coordination experience across multiple clusters, including nutrition, shelter, health, and emergency response.

- A highly reliable and resourceful professional with strong attention to detail and a strategic approach to organizational development.

CORE COMPETENCIES AND SKILLS

- Leadership Skills
- Communication Skill
- Fast learner
- GIS skills
- Interpersonal skills
- Organizational skills
- Adaptability
- Data Analysis
- Teamwork
- Presentation skills

RELEVANT SKILLS AND EXPERIENCES

- ❖ Experienced in full data lifecycle, proficient in SPSS, Excel, and R script for analysis, adept at visualizing complex data using both Power BI and Tableau.
- ❖ Proficient in all six phases of data analysis: Ask, Prepare, Process, Analyse, Interpret, and Share, actively applying them to ensure comprehensive understanding and effective communication of insights.
- ❖ Strong spatial analytics skills, including buffering, spatial join, summarize within, interpolation, clustering analysis, hotspot analysis, network analysis, raster analysis, and proximity analysis.

PROFESSIONAL AND ACADEMIC QUALIFICATIONS

Advanced Diploma in GIS Applications Vancouver Island University, Online	Jan 2024-April 2025
M.A. MONITORING AND EVALUATION Daystar University, Online	Sep 2022-Dec 2023
Post Graduate Diploma in Humanitarian Diplomacy Malta University and IFRC, Online	Sep 2015-Dec2015
Bachelor of Arts in Economics and Sociology University of Nairobi, Kenya	Oct2010 –Dec2014

EMPLOYMENT HISTORY

Uber Driver Vancouver, BC	Apr 2021 – Present
<ul style="list-style-type: none"> • Provide safe and reliable transportation services, • maintaining a high level of customer satisfaction. 	
Customer Support Specialist	Jan 2022 – July 2024

Air Canada, Vancouver, BC

- Analyzed team productivity and service metrics to enhance customer support.
- Reviewed customer data for quality and compliance.

Community Services Assistant

| Sept 2018 – Dec 2021

Canadian Red Cross Society, Toronto, Ontario

- Conducted client assessments and data collection to support community programs.
- Addressed incidents and monitored client feedback to ensure service quality.

Program Coordinator/Ag branch manager

| Apr 2017-March2018

Kenya Red Cross Society, Garissa

- Developed project work plans and coordinated staff.
- Monitored progress and ensured adherence to standards.

Third Party Monitoring consultant

| March 2015-April2017

WFP/CTG global, Dolow Somalia

- Monitoring and reporting on WFP projects at the field level these projects were nutrition, livelihood, food security and school feeding.
- Arrange for and/or participate in food security, Market and Nutrition assessments to identify Needy populations and realistic means of reaching them.

Field crisis Management officer

| Dec 2014-May 2015

United Nations, Kono Sierra Leone

- Coordinated UN agencies and local stakeholders.
- Conducted assessments and developed response plans.

Third Party Monitoring consultant

| March 2013- Nov 2014

WFP/CTG global, Dolow Somalia

- Monitoring and reporting on WFP projects at the field level these projects were nutrition, livelihood, food security and school feeding.
- Arrange for and/or participate in food security, Market and Nutrition assessments to identify Needy populations and realistic means of reaching them.

Program Officer

| March2012- March2013

SERDO, Mogadishu

- Analyzed program performance data and reports.
- Built capacity of staff in monitoring and evaluation.

TRAININGS AND WORKSHOPS

- Introduction to GIS - University of Toronto Coursera (2023)
- Google Data Analytics Certificate - Coursera (Google) (2023)
- Project/Program Planning - IFRC (2020)
- Leadership and Management in Humanitarian Crisis - NNPHL (2019)
- RDRT CEA Specialists - IFRC Africa (2017)
- CaLP Level Two Training - Kenya Red Cross and CaLP Kenya (2017)
- CTP Market Analysis - CaLP and IRC Online (2017)
- CTP Fundamentals - CaLP Online (2017)
- Fundamentals of M&E - MEASURE-USAID (2015)
- SPHERE Handbook - IFRC (2015)
- SPSS and QuickBooks - Orbit College-Nairobi (2014)
- Project Cycle Management - SAGE Organization/SNC (2013)
- Disaster Management - Kenya Red Cross (2009)

Computer skills.

- Proficient in Microsoft Office Suite: MS Word, Excel (spreadsheets), Publisher, PowerPoint, and Access.
- Experienced with GIS software: ArcGIS (Web & Desktop), QGIS.
- Skilled in Statistical & Data Analysis Tools: SPSS, SQL, R (Tidyverse, ggplot2).
- Proficient in Programming & Scripting: Python (Pandas, Arcpy, NumPy, GeoPandas, Rasterio, Matplotlib), R.