

Umar Faruk Apord Karim

 Kumasi, Ashanti Region, Ghana
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Profile

Data-driven public health professional with expertise in SQL, Python, geospatial analysis, and project management. Experienced in research, health systems, and nutrition, with a strong background in facilitating academic and research workshops. Passionate about using data to inform public health strategies and interventions, with valuable experience in both public health service and academic environments.

Education

Kwame Nkrumah University of Science and Technology (KNUST)

MPhil, Health Systems Research and Management
Jan 2024 – Dec 2025

University for Development Studies (UDS)

Bachelor's Degree, BSc in Community Nutrition
2014 – 2018

NNEdPro Global Institute for Food, Nutrition and Health

5th NNEdPro Summer School in Applied Human Nutrition
Sep 2020

Certifications

Systematic Reviews and Meta-analyses Workshop – African Community for Systematic Reviews and Meta-analyses (ACSRM) | Aug 2024

Artificial Intelligence Fundamentals – IBM | Jul 2024

SQL Crash Course – Uplimit | May 2024

Associate Data Analyst in SQL – DataCamp | Dec 2023 (Credential ID: #430,696)

Spatial Data Science: The New Frontier in Analytics – Esri | Oct 2023

Data Analyst with Python – DataCamp | Apr 2023 (Credential ID: #362,009)

Academic Information Seeking – Coursera | May 2021 (Credential ID: 8PJ8BZH82LCW)

Skills

Programming & Data Analysis

SQL, Python, R, PostgreSQL, QGIS, Excel, Data Wrangling, Data Visualization

Health Systems

Nutrition (Human & Community), Health Systems Research, Epidemiology, Healthcare Financing

Project Management

Strategic Planning, Proposal Writing, Public Health Interventions, Grant Writing

Research

Systematic Reviews, Meta-Analyses, Literature Reviews, Statistical Data Analysis

Facilitation & Mentorship

Training and Mentorship, Academic Writing, Research Capacity Building

Soft Skills

Leadership, Team Management, Community Outreach

Professional Experience

Researcher

Centre for Climate Change & Food Security (CCCFS) | Part-time
Jan 2024 – Present | Kumasi, Ashanti Region, Ghana (Hybrid)

Conduct climate change research with a focus on food security and public health. Utilize data analysis tools (Python, SQL) to study environmental impacts on health outcomes.

Public Health Officer / Nutrition Officer

Ghana Health Service | Full-time
Jan 2021 – Present | Ghana (On-site)

Lead community health interventions focused on maternal health, teenage pregnancy, and nutrition.

Analyze health data using GIS and statistical software to inform public health strategies. Key contributor to health screening and education programs, improving population health outcomes.

Guest Facilitator

INASP | Internship

Jul 2023 – Sep 2024 | United Kingdom (Remote)

Facilitate online workshops on academic writing and research publication.

Mentor young researchers on grant writing, literature reviews, and proposal development.

Co-Facilitator for Social Sciences Journal Club

AuthorAid | Volunteer

Mar 2019 – Present | Remote

Lead discussions and provide mentorship on research methodologies and academic writing for researchers in developing countries.

Chief Organiser

My Hereafter Project | Freelance

Jan 2018 – Jun 2020 | Tamale, Ghana

Organized community outreach programs providing free health screenings and vocational training for vulnerable women.

Projects

Climate Change and Impacts in Africa Using Python

July 2023 to Present

Analyzed climate data using Python to study its effects on African agriculture and public health.

Enhancing Community Education on Teenage Pregnancy and Male Involvement in Maternal Health

Sep 2023

Led a public health project focused on reducing teenage pregnancies and increasing male involvement in maternal health in Obuasi Municipal, Ghana.

Volunteer Work

Chief Organiser

My Hereafter Project

Jan 2018 – Jul 2020 | Social Services

Provided health education and economic empowerment opportunities for women through vocational training.

Nutritionist in Charge of Food Security

Centre for Climate Change & Food Security (CCCFS)

Feb 2019 – Dec 2023 | Health

Led initiatives to improve food security through sustainable agricultural practices and nutrition education.