INTERNSHIP ADVERTISEMENT

Background

The Lilongwe University of Agriculture and Natural Resources (LUANAR) received financial support from USAID (the United States Agency for International Development) to implement a 5-year project entitled Leveraging Local Capacity to Strengthen Health Service Delivery - Human Resource for Health (HRH) # 3 - Nutrition 4 Health Activity in Malawi. Through the project, LUANAR aims to strengthen national capacity to accelerate effective responses to nutrition problems that affect the health of Malawians, which consequently stagnate national development.

Some of the project outcomes that LUANAR will achieve through the project are: i) Superior personnel graduating from LUANAR in the areas of nutrition, dietetics and food science; and ii) Enhanced capacity to undertake and publish ethically-sound research in nutrition, dietetics and food science and iii. An updated food composition database and tables containing no less than 600 foods that are commonly consumed in Malawi.

Therefore, the Faculty of Food and Human Sciences is inviting applications from highly motivated and suitably qualified graduates for the positions of **Food Composition Data Intern (two positions)** and a **Software Developer.** The positions are based at the Faculty of Food and Human Sciences at Bunda Campus and are for 3 months starting from January, 2024.

1. Food Composition Data Interns (Two Positions)

Duties and Responsibilities:

1. Work together with the Food Composition Data Compiler (FCDC) to collate new scientific analytical literature on Malawian foods;
2. Assist the FCDC in evaluating the quality of collected publications on food composition data following a specific set of criteria and analyse data availability;
3. Collect information on Malawian foods, recipes and preparations;
4. Support the FCDC to quantify Malawian foods in season;
5. Facilitate the production of project reports and statistical analysis, (graphs, tables e.t.c);
6. Any other duties necessary for the successful running of a Food Composition Data program in Malawi.

Required Qualifications:

- Bachelor's degree in Food Science and Technology, Nutrition and Food Science or related programs from recognized institutions
- Proficient in working with spreadsheet software such as Microsoft Excel
- Knowledge of Statistics, Statistical packages, and Database management
- Fluent in both written and spoken English
- Have good report writing skills

1. Food Composition Data Interns (Two Positions)

Duties and Responsibilities:

1. Develop website and a mobile application for the Malawi Food Data Systems (MAFOODS) that makes the Food Composition Table readily available
2. Implement an integrated user friendly recipe calculator on the MAFOODS Website and mobile application.
3. Integrate the the MAFOODS website on LUANAR online platform and deploy the mobile application on Play Store.
4. Participate in meetings with various stakeholders to obtain feedback on the current developments made.
5. Participate in system review meetings to improve the quality of the functionalities and frontend designs.
6. Communicating with the team on project status and issues that arise.
7. Debugging computer code to fix errors and improve performance of the systems.
8. Analysing output data with technical specialists to ensure credibility of results.

9. Submitting reports on work completed and ensure agreed targets are met.

Required Qualifications:

- Bachelor's degree in Computer Science, Information and Communication Technology (ICT), Computer Engineering or related programs from recognized institutions.
- Professional experience in programming in Java for website and mobile application development.
- Competent in systems analysis and design, database management, version control management and deployment.
- Demonstrable capability in developing and managing systems both for frontend and backend technologies as a full stack developer, preferred programming languages: Java, JavaScript based frameworks for both front end.
- Proficient in cloud technologies, data analytics and big data technologies.
- Fluent in both written and spoken English.
- Have good report writing skills.

The Interns will be reporting to the Lead Scientist, Food Composition Data for technical aspects and the Team Lead of Nutrition4Health Activity for administrative issues.

Mode of Application:

Hard copy application package should include an up-to-date Curriculum Vitae (CV), names and contact details of three traceable referees plus copies of academic qualifications. The title of the position **MUST** be indicated on the envelope and sent to:

The University Registrar
Lilongwe University of Agriculture and Natural Resources (LUANAR)
P.O. Box 219
Lilongwe

All applications should reach the UNIVERSITY not later than **Friday, 5th January, 2024.** Only shortlisted candidates will be acknowledged.

LUANAR is an equal opportunity employer hence females are encouraged to apply.