



## **Health Information Systems Program (HISP) Uganda**

Plot 78 Naguru E. Road, Opposite Forest Cottages

### Software Development Internship Program, 2022

#### **About us**

Health Information Systems Program (HISP) Uganda is a non-profit organization registered in Uganda and with the US Federal government and the University of Oslo - Norway for contracts or grants. It is composed of a dedicated team of professionals from the medical, epidemiology, informatics, and public health domains, and also draws upon the community of the Global Health Information Systems Program (HISP) Networks for specific expertise.

HISP Uganda is the only certified implementer of District Health Information Software (DHIS2) in Uganda and subscribes to and supports the broader HISP agenda of creating “networks of actions” which seek to strengthen collaborative efforts through research, monitoring, evaluation, learning, and implementation of health information systems. We work in collaboration with Ministries of Health, higher institutions of learning, NGOs, implementing and development partners to support Health Information Systems and data utilization.

The vision for HISP Network and DHIS2 community is to develop and implement open-source platforms and apps globally.

#### **Opportunity Summary**

HISP Uganda seeks **(4)** interns with experience in software design, coding, and debugging. The intern will gain exciting real-world software engineering experience at a thriving company.

Frequently working collaboratively with experienced and solid software developers at HISP, the intern will build their programming and problem-solving skills and explore new technologies to support the District Health Information Software (DHIS2), a global good

platform widely used in Uganda and globally. The ideal interns for this environment will be enthusiastic and collaborative.

## Duties and Responsibilities

Working closely with the HISP software development and HIS teams, the successful interns shall:-

- Assist in the design, operating, and helping maintain the organization's technology products
- Document and test new software applications.
- Support development and assessment of new ideas and innovations
- Design and develop applications (coding & programming)
- Other activities that may be needed

## Qualifications

- Must be a current **final** year university student and currently pursuing information technology, computer science, information systems, software engineering, or related program
- Be proficient in software development with knowledge of web technologies (HTML/CSS) and on Javascript framework (React JS, Angular)
- Must have excellent problem-solving skills
- Experience working with REST Web APIs and JSON
- Experience with relational databases; MySql, PostgreSQL, SQL server
- Must have a computer
- Must be well organized and detail-oriented
- Must have excellent time management skills
- Must have the ability to work independently as well as in partnership with a team
- Must be able to define and work within deadlines

## Benefits

- Practical experience with a wide variety of software engineering tasks
- Collaborating hand-in-hand with skilled teams of software engineers
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- An opportunity in striving to achieve your programming desires and connecting to the developers' community
- Help meet your required internship hours for your university requirements

- Build your portfolio
- Opportunities to be hired as a full-time HISP Uganda software developer
- Lunch and transport facilitation

### **Duration of the internship**

- 6 months with possibility of renewal to 12 months