Research Associate (Intern), African (and Latam) Digital Health and AI Mapping

The International Digital Health & AI Research Collaborative (I-DAIR)
Deadline for submissions: 16th December 2020

Background

The International Digital Health & AI Research Collaborative (I-DAIR) is a global platform to enable inclusive, impactful, and responsible research into digital health and Artificial Intelligence (AI) for health. It is being co-created with a diverse range of stakeholders from the public, private, and academic sectors.

I-DAIR takes inspiration from UNSG’s High-level Panel on Digital Cooperation on digital enabling of the Sustainable Development Goals (SDGs), and targets set by the World Health Organization (WHO) on universal health care. It can be visualised as a ‘distributed CERN for digital health’. Our long-term objective is to democratise the use of data & Artificial Intelligence to solve health problems, and promote diversity, collaboration and inclusiveness in research and development efforts. In pursuing this goal, we seek to:

- Define and develop global public goods & other enablers for research & development of digital health solutions; an example is our project to develop a Global Research Map.
- Achieve collaborative, distributed and responsible use of data and Artificial Intelligence whereby data and decisions on AI use stay local and there is no hoarding of digital assets for health;
- Promote collaboration and inclusiveness in scientific research and technology development through a “hubs and spokes” architecture where researchers across domains and geographies can come together in trusted settings;
- Build research capacity & related digital health infrastructure in Africa, Asia and Latin America;
- Solve health and Artificial Intelligence research problems through “pathfinder projects”, which also provide practice-rich feedback for governance of data and AI in health.

In line with its development I-DAIR seeks the assistance of a Research Associate to complete the following task: African (and LatAm) Digital Health Mapping.

This is a remote, desk-based position with no travel required. The location is flexible and candidates from all geographies are welcome to apply. The Research Associate will be provided a monthly stipend.
Description of Duties

- Work with the team to develop the content and structure of the landscape analysis;
- Undertake a landscape analysis of research and implementation organizations including technical organizations, hospitals and frontline facilities working on digital health and AI for health across Africa with the purpose of identifying prospective partners for I-DAIR;
- Identify 25-30 key organizations and create detailed profiles, including:
  - Areas of focus - hardware, software (technology);
  - Nature of organisation: type of registration and year of registration;
  - Budget - donors; investors;
  - Capacity;
  - Capabilities;
  - Geographic focus;
  - Projects in existence - partners etc.
- Distil findings to key themes and areas into SWOT for I-DAIR;
- Present the key findings and some key recommendations for I-DAIR in relation to the findings.

Expected Duration

A total of 40 work-days is allocated for the completion of this assignment. The assignment is on a part-time (50%) basis over a period of 4 months. If follow up work is identified, the assignment could be extended by a further 2 months.

- Definition of landscape parameters and framework for results presentation: 5 w/d
- Produce a list of possible organisations using the following parameters: 10 w/d
- In Depth Organisational Analysis of up to 30 organisations: 10 w/d
- Draft Write Up shared with I-DAIR for input and review: 10 w/d
- Incorporate Feedback and present results to I-DAIR team: 5 w/d

Expected Outputs

- A report, expected to be 30-40 pages in length, providing:
  a. A catalogue of African entities working in digital health;
  b. An assessment of the 25-30 organisations with the most promising potential for partnership with I-DAIR in Africa;
  c. A list of recommendations on engagement platforms-processes with these organisations.
2. A slide set that summarizes findings and opportunities for future cross-sectoral and international collaboration;

3. A formal online presentation of the report to the I-DAiR Team.

Candidate Profile

- Masters Degree in a scientific discipline, public health, politics, law or other relevant field:
  - Candidate must be a current student or a recent graduate (within 12 months of receiving the degree)
- Demonstrated interest in digital health, technology policy, innovation, data/AI and other relevant areas (e.g. previous internships, course-work, volunteering, etc.);
- Knowledge of, or experience in African countries;
- Experience in distilling information from interviews or team input settings;
- Good command of Google suite and Microsoft Office (especially Word, Excel and PowerPoint) - ability to edit and create;
- Internet searches with defined parameters;
- Internet access to support remote working needs;
- Excellent knowledge of English, with fluency in other languages especially French is an added advantage.

How to apply

Applications should be submitted in English and by email only. The following set of documents is required:

- A cover letter explaining your suitability to fulfil this assignment (1-page limit);
- A personal CV (2-page limit).

Complete applications should be sent to the Governance & Hubs Lead, Dr. Waruguru Wanjau (waruguru.wanjau@graduateinstitute.ch) with the subject “Application: Research Associate”. Please include the required attachments merged into one PDF document.

Deadline for submissions: 16/12/2020 (midnight, CET). Please note that incomplete or late applications will not be accepted.

We are committed to diversity and especially encourage members of underrepresented communities to apply.

Due to the large number of applications, we are only able to inform the successful candidates about the outcome or status of the selection process.