VACANCIES
RE-ADVERTISEMENT

The Faculty of Information, Communication and Digital Technologies of the University of Mauritius in collaboration with the Human Resource Development Council (HRDC) had developed a vacancy analysing tool that captures real time vacancies published online. The tool offers insights into skills required by enterprises, identifying patterns, enhancing understanding of the job market, and grasping the latest trends. Building on this foundation, our current aim is to enhance the tool's web-service for the general public and for the administrator. This includes generating innovative user-friendly reports to offer enhanced insights into job requirements. Moreover, the HRDC plans to redesign and augment its Career Development Stairway (CaDS) website. By integrating data from the vacancy analysing tool and leveraging the latest web technologies, the enhanced CaDS platform will deliver a more enriched experience to its users.

In this context, applications are invited from suitably qualified candidates for the post of ***two (2) Research Assistants* (Part-Time),** to work on the project entitled "***Analysis of Online Job Vacancies (OJV): Extension of the OJV Programme***". The identified tasks and their respective expected duration and remuneration are as follows:

Post 1: Research Assistant 1

Task 1 - (Rs 90,000)
Expected duration: 3 months
- To enhance an existing web-portal. The first part, for the public in general with filtered/anonymous/processed information. The second part is dedicated to the administrator/ staff of HRDC for more advanced operations.
- Extraction of relevant data from online job portals
- Report to investigators on a regular basis
- Documentation and report writing
- Any other cognate duties

Task 2 - (Rs 90,000)
Expected duration: 3 months
- An analysis tool for classifying trends of jobs/areas/sectors/skills with a prediction algorithm over a reasonable amount of time from O*NET.
- Generate precise reports as per the need of HRDC in user-friendly ways.
- Train HRDC staff on the system.
- Report to investigators on a regular basis.
- Write a full documentation for the OJV System.
- Any other cognate duties.

Post 2: Research Assistant 2

Task 1 - (Rs 90,000):
Expected duration: 3 months
- Redesign and augment the CaDs website (https://cads.hrdc.mu) using the latest web technologies.

- The website must be responsive. It must be easily accessible via mobile phones, tablets, laptops, etc.
- Report to investigators on a regular basis.
- Documentation and report writing.
- Any other cognate duties.

Task 2 - (Rs 90,000)
Expected duration: 3 months
- Extract relevant job information from the OJV job portal and integrate them into the CaDs website.
- Train HRDC staff on the system.
- Report to investigators on a regular basis.
- Write a full documentation for the new CaDs System.
- Any other cognate duties.

Minimum Qualifications Required:
- Degree in Computer Science or equivalent

Profile of Candidates:
Candidates must have:
- Excellent programming skills in the latest Web Technologies.
- Experience in JavaScript frameworks.
- Experience in machine learning algorithms.
- Experience in the development of responsive websites.

Duration of Contract
Appointment will be offered for a contractual period of **six (6) months**. The proposed starting date will be **27th January 2025**.

Mode of Application
Letter of application together with a detailed *Curriculum Vitae* and photocopies of qualifications, birth certificate, marriage certificate (if applicable), testimonials and equivalence of qualifications (where applicable) should reach **the Dean of the Faculty of Information, Communication and Digital Technologies (Attention: Associate Professor (Dr) Sameerchand Pudaruth as *co-Principal Investigator*), University of Mauritius, Réduit** OR **PREFERABLY** by email to s.pudaruth@uom.ac.mu, a.chiniah@uom.ac.mu and deanfoicdt@uom.ac.mu by **Friday, 20th December 2024, at latest by 2pm.**

The envelope (for the hardcopy, if any) and the email subject should be clearly marked **"Post 1: Research Assistant 1 - *Analysis of Online Job Vacancies (OJV): Extension of the OJV Programme*"** or "**Post 2: Research Assistant 2 - *Analysis of Online Job Vacancies (OJV): Extension of the OJV Programme*"**. Note that a candidate can apply for both posts via separate applications. However, he/she will be recruited for only one post if selected.

Incomplete applications or those received after the closing date will **not** be considered.

The University reserves the right:
- to call for interview only the most appropriate and best qualified applicants,
- not to make any appointment as a result of this advertisement.

Dean, Faculty of Information, Communication and Digital Technologies
Date: Monday, 9th December 2024