UNIVERSITY OF MAURITIUS

HRDC
Human Resource Development Council

VACANCY

The Faculty of ICDT of the University of Mauritius in collaboration with the Human Resource Development Council (HRDC) is embarking on a project to develop a vacancy analysing tool that could capture real time vacancies published online. The tool is expected to offer insights into skills required by enterprises, identifying patterns, enhancing understanding of the job market, and grasping the latest trends.

In this context, applications are invited from suitably qualified candidates for the post of **one (1) Research Assistant (Part-Time),** to work on the project entitled "***Analysis of online vacancies: an automated prototype***". The identified tasks and their respective expected duration and remuneration are as follows:

Task 1 - (Rs 60,000): Work on the design and implementation of the web extraction from job portals.
Expected duration: 2 months
- Design the algorithm for web extraction from job portals.
- Define the structure of the database to store the extracted information.
- Design and implement the backend for the storage of information.
- Design and implement a scheduler for periodical extraction.
- Report to investigators on a regular basis.
- Documentation and report writing.
- Any other cognate duties.

Task 2 - (Rs 60,000): Work on the design and implementation of the front end for the Vacancy Analyser.
Expected duration: 1.5 months
- Design the website for the Vacancy Analyser.
- Implement and link the website to the backend.
- Design and generate web statistic reports of the system.
- Report to investigators on a regular basis.
- Documentation and report writing.
- Any other cognate duties.

Task 3 - (Rs 60,000): Report and paper writing for the Vacancy Analyser.
Expected duration: 1.5 months
- Undertake performance testing for the website for the Vacancy Analyser.
- Write a full documentation for the Vacancy Analyser.
- Prepare a research paper based on the system.
- Help in the setting up of the system at HRDC.
- Report to investigators on a regular basis.
- Any other cognate duties.

Minimum Qualifications Required:
- Degree in Computer Science or equivalent

Profile of Candidates:
Candidates must have:
- Excellent programming skills in Web Technologies: CSS, Javascript, PHP and MySQL.
- Experience in JavaScript frameworks.

Duration of Contract
Appointment will be offered for a contractual period of **five (5) months**. The proposed starting date will be **Monday, 11th April 2022**.

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: Mr Aatish Chiniah as *co-Principal Investigator*), University of Mauritius, Réduit** OR **PREFERABLY** via email to a.chiniah@uom.ac.mu, s.pudaruth@uom.ac.mu and deanfoicdt@uom.ac.mu by **Monday, 4th April 2022, at latest by 2pm.**

The envelope (for the hardcopy) and/or the email subject should be clearly marked "***Analysis of online vacancies: an automated prototype***".

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: Friday, 25th March 2022