



Part Time Research Assistant in Computer Science with AI Knowledge

Specification	Essential	Desirable
Knowledge and Qualifications	B.Sc. or M.Sc. in Computer Science /Software engineering / Information technology (or) any relevant domain	knowledge in python in machine learning
Experience	Expertise/experience in as many as possible of the following fields: ➤ Data collection and analysis ➤ Developing and testing prototypes ➤ Report writing and documentation ➤ Communication and engagement	
Interpersonal Skills	➤ Team player / leader ➤ Prepared to work flexibly ➤ Good analytical and problem-solving skills. ➤ Ability to work independently and meet deadlines. ➤ Good written and verbal communication skills in English.	
Research	Experience in conducting applied and theoretical research relevant to the subject above	



JOB DESCRIPTION

Research Assistant-Part time (OMANI)

Grade: Research Assistant-Part time

Reporting to: PI/Co-PI block funding research

Post Holder: Research Assistant on block funded TRC project

Salary and Benefits: As per contract

Effective Start Date: 1st August 2026

Description

As a Part-Time Researcher, this role includes:

- Assisting in collecting, cleaning, and organizing research datasets.
- Supporting data preprocessing and feature engineering.
- Assisting in developing and testing machine learning models using Python.
- Helping to evaluate model performance and prepare visualizations.
- Maintaining proper documentation of research activities.
- Assisting in preparing project reports, presentations, and research publications.

Additional duties include coordinating and following up with institutional research focal points, maintaining accurate research records, and assisting the research team with reporting, and other administrative tasks as required.

Duties and Responsibilities

1. Research Support to Principal Investigator (PI)
2. Literature Review & Academic Research
3. Data Collection
4. Data Analysis & Interpretation
5. Model development and testing
6. Report Writing & Documentation
7. Collaboration & Teamwork
8. Technical & Specialized Tasks

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