



Part Time Research Assistant in Computer Science with AI Knowledge

Specification	Essential	Desirable
Knowledge and Qualifications	Bachelor's degree in Artificial Intelligence, Computer Science, Data Science, Software Engineering, Information Technology, Logistics Technology, or a related discipline	- Familiarity with logistics, supply chain, transportation, or route optimization concepts. - Experience with cloud platforms (AWS, Azure, or Google Cloud) is beneficial. - Knowledge of React, FastAPI, or Django is a plus. - Interest in AI applications for smart logistics and digital transformation.
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 URG Project Supervisor

Post Holder: Research Assistant on URG TRC project

Salary and Benefits: Up to OMR 600 (inclusive of the entire project duration)

Effective Start Date: 1st September 2026

Description

We are seeking a motivated Omani Research Assistant to support the development of **Empty Miles**, an AI-powered logistics platform that connects transport providers with available cargo capacity to businesses seeking shipping solutions. The assistant will work closely with the Principal Investigator and development team to support AI model development, data preparation, shipment matching algorithms, system testing, and technical documentation.

Duties and Key Responsibilities

- Assist in collecting, cleaning, and organizing logistics and shipment datasets.
- Support data preprocessing and feature engineering for AI model training.
- Assist in developing and testing AI/Machine Learning models for intelligent shipment matching and route optimization using Python.
- Help evaluate model performance and improve matching accuracy.
- Support backend integration of AI models into the Empty Miles platform.
- Prepare data visualizations, dashboards, and performance reports.
- Maintain proper documentation of research and development activities.
- Assist in preparing technical reports, presentations, and research publications.
- Participate in testing, debugging, and validating AI features before deployment.

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