



University of Kurdistan Hewlêr
زانکۆی کوردستان ههولێر

Vacancy Announcement
Data Engineer/ Research Assistant

Summary:

The University of Kurdistan Hewlêr (UKH) is seeking a qualified candidate for the position of Data Engineer/Research Assistant within the Artificial Intelligence and Innovation Centre.

The successful candidate will report to the Director of Artificial Intelligence and Innovation Centre, contributing to the efficient functioning of the labs and ongoing research. Key responsibilities include Data Scraping, Data Cleaning, Data management.

VACANCY TITLE:	Data Engineer/ Research Assistant
VACANCIES AVAILABLE:	Two
CENTRE/ ...:	Artificial Intelligence and Innovation Centre (AIIC)
JOB FAMILY:	Academic
TYPE OF CONTRACT:	FTE
HOURS OF WORK:	40 Hours/Week
PLACE OF WORK:	University of Kurdistan Hewlêr (UKH)
REPORTING TO:	Director of the Centre
CONTRACT DURATION:	Three Years
PROBATION:	Six Months
APPLICATION DEADLINE:	Open until the position is filled
JD VERSION:	12092024



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DUTIES AND RESPONSIBILITIES

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- Develop and Optimize Data Scraping Tools: Create and maintain scripts to efficiently collect data from various online sources.
 - Clean and Preprocess Data: Ensure high data quality by identifying and correcting errors and inconsistencies in datasets.
 - Automate Data Cleaning Workflows: Develop automated processes to streamline data cleaning and preprocessing tasks.
 - Manage Databases and Data Warehouses: Ensure secure and efficient storage of data, optimizing for performance.
 - Collaborate with Data Teams: Work closely with analysts and scientists to understand and meet data needs.
 - Provide Technical Support: Address data-related issues and offer guidance to team members.
 - Document Data Processes: Maintain clear documentation of data architectures and protocols.
 - Ensure Compliance and Data Security: Adhere to company policies and regulations, implementing measures to protect sensitive information.
 - Perform other duties commensurate with the nature of the of the position and as requested by the Line Manager.
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PERSON SPECIFICATIONS

- Education:
 - Bachelor's degree in computer science, Information Technology, Statistics, Accounting or related fields.
 - Experience:
 - Proven experience as a Data Engineer or in a similar role.
 - Hands-on experience with data scraping, data cleaning, and data management.
 - Technical Skills:
 - Proficiency in programming languages such as Python, Javascript.
 - Experience with web scraping tools and frameworks (e.g., BeautifulSoup, Scrapy, Selenium).
 - Strong knowledge of SQL and NoSQL databases (e.g., MySQL, MongoDB).
 - Familiarity with big data tools like Hadoop, Spark, or Kafka.
 - Understanding of ETL processes and data pipeline design.
 - Familiarity with data visualization tools is a plus.
 - Experience with cloud platforms (e.g., AWS, Azure, Google Cloud) is a plus.
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- **Soft Skills:**
 - Excellent problem-solving and analytical abilities.
 - Strong attention to detail and a commitment to data quality.
 - Effective communication skills for collaborating with technical and non-technical teams.
 - Ability to manage multiple tasks and prioritize effectively.
- **Personal Attributes:**
 - Proactive and self-motivated with a continuous improvement mindset.
 - Adaptability to evolving technologies and methodologies.
 - Ethical approach to handling data and awareness of data privacy regulations.
 - Additional Requirements: Proficiency in Kurdish, Arabic, and English is a plus.

HOW TO APPLY

- Interested applicants are requested to email their Application Form, CV, and Personal Statement to jobs@ukh.edu.krd by indicating the specific Vacancy Title: Data Engineer/ Research Assistant and inserting the most recent passport-size photo in the area provided on the application form.
- Only complete applications: Application Form (with the most recent photo), Personal Statement and CV will be considered.
- The size of the photo must be 45mm x 35mm with no less than 150 pixels for quality.
- Any application that does not specify the vacancy applied for will not be considered.
- An Application Form is available at 'Vacancies' on the University website (<http://www.ukh.edu.krd>) or click [here](#) to download it.
- Only short-listed candidates will be contacted for an interview.