

CAREER OPPORTUNITIES

Services of competent individuals against the following posts are required for **HEC funded research project namely "Traffic Congestion Prediction and Visualization Platform"** in collaboration with Interactive Group Pakistan at lump sum pay packages. These positions are on contract basis for two years (**not extendable**).

Sr. Software Engineer (Rs. 70,000-80,000 PM)

MS Computer Science/Software Engineering or equivalent IT degree with 1-2 years experience or BS Computer Science/Software Engineering or equivalent IT degree having 2-4 years experience. The candidate must have a profile with successful delivery of software products as individual, team leader and/or development manager having strong communication skills. Experience in J2EE/Python, DBMS, MS Project is desired. Experience with Big Data, Hadoop /Spark/Internet of Things/Kibana is highly preferred.

Job Description: He/She will be responsible to manage the development and delivery of quality product as per requirements, outreach the collaborating partners, devise marketing strategy and explore commercial potential traffic management markets.

Software Engineer (Specialization in Data Science) (Rs. 50,000-60,000 PM)

MS Computer Science/Software Engineering or equivalent IT degree.

Fresh MS Graduates/Final Semester Students with final year project in machine learning/ deep neural networks/ Data fusion etc may apply. However, experience in pre-processing data, designing efficient ETL workflows and knowledge of Apache Spark family of tools is highly preferred.

Job Description: He/She will be responsible for collecting, parsing, managing, analyzing and visualizing large data sets and implementing ETL process, including preprocessing using relevant technologies.

Software Engineer (Specialization in Mobile App and Backend Programming) (Rs. 50,000-60,000 PM)

BS Computer Science/Software Engineering or equivalent IT degree with min 1-2 years experience of android mobile application development as well as backend development.

Experience in Realm and Xamarin Frameworks is preferred. Experience of writing web APIs in JSON or XML format and RESTful APIs for Mobile Applications communication is desired.

Job Description: He/She will be responsible for development and maintenance of android based mobile app based on Google maps and to develop various software components to integrate different research algorithms in one framework.

Database Developer/Administrator (Specialization in Big Data) (Rs. 60,000-70,000 PM)

MS Computer Science/Software Engineering or equivalent IT degree with 1-2 years experience or BS Computer Science/Software Engineering or equivalent IT degree with 2-3 years experience in SQL query writing and stored procedures. Experience with HDFS/HBase/ Hadoop/Cassandra is highly desired. Knowledge of Python Java and C++ is an ad-on. Candidates who have studied courses on Data-ware housing, Information Retrieval, Data Mining and Advanced Databases are highly preferred.

Job Description: He/She will be responsible to design, develop, install, monitor, maintain and performance-tune production databases by managing HDFS and securing Hadoop cluster as well as performing data analytics, implement and oversee corporate database standards, policies and procedures.

The candidates are advised to carefully read the given details to ascertain their eligibility status and apply online: <http://red.pieas.edu.pk/applynow.html> until **February 18, 2019**. Only short-listed candidates will be called for test/interview.



Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad

Tel: 051-111174327, Fax: 051-9248600 website: www.pieas.edu.pk