National University
of computer and emerging sciences

RESEARCH ASSISTANT AND RESEARCH ASSOCIATE POSITIONS VACANT – ISLAMABAD CAMPUS

Applications are invited for the post of a Research Associate and Research Assistants for a period of 01-year (extendable based on performance and availability of funds) under the HEC Funded Grand Challenge Fund (GCF-HEDP) research project No. GCF-912 in collaboration with Aga Khan University, Karachi. Entitled: "Virtual Biopsy for Classification, Outcome prediction and Treatment planning of brain tumors (ViBCOT)"

Sr. No	Post	Qualification	Skills & Experience Required
1.	**Research Associate (1 position) – onsite full time**	**Fresh PhD in relevant field from a HEC recognized university**	- Experience in Machine Learning, Deep Learning and Computer Vision/Image Processing; - Sound knowledge of semantic segmentation/classification; - Familiarity with commonly used vision libraries i.e. OpenCV, TensorFlow, Keras; - Experience in handling large-scale image data in various annotation formats; - Strong technical, analytical, and problem-solving skills; - Strong programming skills in Python/PyTorch; - Excellent communication and writing skills; - Good leadership skills; and - Good office paperwork skills. Remuneration: PKR 130k / month

2.	**Research Assistant (3 positions) – onsite full time**	**BS/MS/MPhil in relevant field from a HEC recognized university**	- Experience in Machine Learning, Deep Learning and Computer Vision/Image Processing; - Sound knowledge of semantic segmentation/classification; - Familiarity with commonly used vision libraries i.e. OpenCV, TensorFlow, Keras; - Experience in handling large-scale image data in various annotation formats; - Expertise in machine/deep learning architectures; - Strong technical, analytical, and problem-solving skills; - Strong programming skills in Python; - Excellent communication and writing skills; and - Good office paperwork skills. Remuneration: PKR 100k / month	
3.	**Research Assistant Development (2 positions) – onsite full time**	**BS/MS/MPhil in relevant field from a HEC recognized university**	- Strong experience of API development; - Experience with popular Python framework like Django, PyQT, Tkinter, WXPython or Kivy; - Working knowledge of cloud platforms such as AWS, Google Cloud or Azure - Experience with databases such as SQL or NoSQL - Strong experience with front-end development using HTML, CSS and React JS; - Expertise in Docker or Kubernetes; - Familiar with RabbitMQ or Kafka, - Knowledge of user authentication and authorization; - Proficient understanding of code versioning tools like Github; - Knowledge of PACS server - Strong unit testing and debugging skills - Strong technical, analytical, and problem-solving skills; - Excellent communication and writing skills; Remuneration: PKR 100k / month	

Instructions:
1. Please apply by filling in the google form at https://forms.gle/F1mNc8fhuQrWyfhJA. (Please copy paste it in the browser if it doesn't open directly). Please also provide your CV/Resume through the same google form.
2. **Last date to apply: 2ⁿᵈ August, 2024**.
3. Only short-listed candidates will be called for an interview.

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