Postdoc Position at Qatar Computing Research Institute (QCRI)

The Crisis Computing team at QCRI has an exciting opportunity for a Postdoctoral Researcher to conduct research and develop creative solutions for real-world problems in the humanitarian domain. We are seeking candidates with expertise in computer vision, deep learning, and multi/cross-modal (e.g., text and image) modeling. Prior experience in object detection and scene understanding in online/social media images is a strong advantage. Additional experience in natural language processing and text mining is also a big plus for joint analysis of multimodal social media data.

Project Description: The Crisis Computing team focuses on social media data analysis tasks such as text and image classification, information extraction and summarization to solve problems in the humanitarian domain and beyond. The successful applicant will work on projects to analyze images for disaster scene understanding, damage severity assessment, multimodal learning, real-time disaster maps, etc. The output of the research will be translated into one of QCRI's flagship projects called Artificial Intelligence for Digital Response (AIDR, http://aidr.qcri.org/), which has been used by several humanitarian organizations including UN OCHA and UNICEF, among others since 2013. For more information about our team and work, please visit https://crisiscomputing.qcri.org/.

Job Summary: The successful candidate will be researching, designing, and developing novel computational models, algorithms, and innovative applications to process social media data to solve real-world problems, such as damage assessment, needs assessment, etc.

Requirements:
- PhD in computer science, computer engineering, or a related field
- Strong knowledge of computer vision, deep learning, and/or natural language processing
- Strong record of major accomplishments and publications in top-tier venues
- Must be highly proficient in Python, PyTorch, TensorFlow; experience in Java is a plus
- Ability to think creatively, work collaboratively, and take ownership of projects
- Excellent spoken and written English skills and good presentation/communication skills

Package & Tenure: QCRI offers a unique opportunity for strong research careers and a highly competitive compensation package including attractive tax-free salary and additional benefits such as private health insurance with global coverage, annual paid leave (37 days of annual leave plus 12 days of religious/national holidays), and more for a specified term of 2 years.

Deadline: The position will be open until filled.

How to Apply: Please provide enough information relevant to the requirements of this position to allow the assessment panel to determine your suitability, and send your CV and cover letter to **Ferda Ofli <fofli@hbku.edu.qa> or Muhammad Imran <mimran@hbku.edu.qa>.**