Walk-in-Interview (Online) for Project Associate-1 for DST Sponsored Project

Applications are invited from Indian citizens for following three profiles for a Govt. of India funded project (**IITM/DSRIC/03/2020/10-27**) undertaken in the School of Computing and Electrical Engineering, IIT Mandi.

Project Details: LakshmanRekha is a prototype system (mobile app) for Post COVID quarantine management guarantees to locate the geofenced area and is capable to continuously monitor and accurately detect the identity of a quarantined person so that no quarantined user can breach the geo-fence.

More detail can be found at the **http://faculty.iitmandi.ac.in/~aditya/projects/lakshmanrekha/**

Project Title:	LakshmanRekha: AI-biometric driven home quarantine management application using mobile based continuous recognition and geofencing.
Principal Investigator:	**Dr Aditya Nigam,** Assistant Professor, School of Computing and Electrical Engineering, IIT Mandi. Email: **aditya@iitmandi.ac.in**
Profile 1	
Eligibility and Experience:	i) B.Tech/M.Tech in Computer Science Engineering/ Information Technology /Electronics Engineering/Related subjects. ii) Knowledge of Deep Learning and good experience in programming in python and any deep learning packages such as *keras/ tensorflow/ pytorch*.
Job Profile:	**AI Developer:** Code, Train and Deploy various deep learning algorithms on server that will form the core backend of the application
Salary:	Rs. 15,000 per month
Profile 2	
Eligibility and Experience:	i) B.Tech/M.Tech in Computer Science Engineering/ Information Technology /Electronics Engineering/Related subjects. ii) Experience in IOS and Android app development with a good experience in related programming languages (Backend: C/C++ and Java and Python; Frontend: Angular/ React/ Javascript/or any other)
Job Profile:	**Android Developer:** Create, Deploy, Test and manage both IOS and Android apps over various deep learning algorithms created in python
Salary:	Rs. 15,000 per month
Profile 3	
Eligibility and Experience:	i) B.Tech/M.Tech in Computer Science Engineering/ Information Technology /Electronics Engineering/Related subjects. ii) Good knowledge of Computer Vision and Deep learning with an ability to read and understand the latest and top tier deep learning and computer vision research papers (published at CVPR, ECCV, ICCV, IJCB etc). Knowledge of python and deep learning packages (keras/ tensorflow/pytorch) is required. **Having a deep learning publication in a peer-reviewed conference/journal will be appreciated.**
Job Profile:	**Deep Learning Researcher:** Reading and understanding various state-of-the-art research papers on continuous biometrics and providing new research directions.
Salary:	Rs. 25,000 per month

Candidates meeting the aforementioned qualification and experience should submit their details (latest CV, scanned passport-sized photograph, etc.) via. this Google form: https://forms.gle/6o8o4E9ZQ9ZCkZbb9, **by 15th January 2021.** In case of any query you can mail to **iwadl@iitmandi.ac.in**. Candidates must write **"Application for Project Associate-1: Lakshmanrekha"** in the subject line of their email communication.

An online screening test will be conducted on : **20th January 2021**

The final interview will be held online via Google Meet; date and time of the interview along with the meeting link will be shared by email to the shortlisted candidates.

Terms and conditions:
- The selected candidate will need to join the position immediately **(from 1st February 2021)**.
- The position is initially for 3 months and can be extended for 3 more months depending upon the performance.
- Merely fulfilling the eligibility requirement does not guarantee to shortlist for the interview; higher shortlisting criteria may be imposed.
- The decision of the selection committee regarding the interview logistics and selection process for the aforementioned post will be final.
- The selection committee reserves the right to fill up or not fill up the advertised post.

For any additional clarifications/information, please contact **Dr. Aditya Nigam (Principal Investigator) at** iwadl@iitmandi.ac.in (before **10th January 2021**).

Indian Institute of Technology Mandi, Mandi-175075 (H.P.)