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INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Mehta Family School of Data Science and Artificial Intelligence (MFSDSAI))

Dated: ...19-May-2023

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal investigator (Name: ...Sparsh Mittal.....), Dept./CentreMFSDSAI..... Indian Institute of Technology, Roorkee.

1. Title of project: Designing Secure and Robust Artificial Intelligence (AI) Algorithms and Accelerators
2. Sponsor of the project: SERB, New Delhi
3. Project position(s) and number: ONE JRF position
4. Qualifications: B.Tech /M.Tech/M.E. in CSE/Electronics/Math&Computing and Allied Branches with GATE
5. Emoluments: Rs 31000/month for first two years and Rs 35000/month for third year
6. Duration: 36 months (or project completion date, whichever is earlier)
7. Job description: Goal is to propose novel algorithms for improving security of AI/ML/DL algorithms. Candidate will work on attack algorithms on AI such as DeepFake, adversarial attacks, fault-injection attacks etc. and propose defense mechanisms. Candidates with proficiency in programming, knowledge of PyTorch/Tensorflow and deep-learning algorithms (CNNs, transformers, etc.) are preferred.
8. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
9. Candidates desiring to appear for the Interview should bring their applications with the following documents at the time of Interview:
 - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field and others.
 - Attested copies of degree/certificate and experience certificate.
10. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification. Preference will be given to SC/ST candidates on equal qualifications and experience.
11. Please note that no TA/DA is admissible for attending the interview.

Note: The selected candidate may get an opportunity for PhD admission.

The walk-in interview will be held at ...Conference room of MFSDSAI ... on ...1st June 2023..... starting at ...10AM.... All candidates must report by 930am. Call 01332-28-6383 to contact office staff of MFSDSAI for assistance in reaching the venue. MFSDSAI building is also called "old Humanities department building", in front of ICC.

Tel: 01332-28-4936

Email: sparsh.mittal@mfs.iitr.ac.in

Name and signature
of Principal Investigator: Sparsh Mittal

Sparsh Mittal 19/5/23

*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

Approved

Abshari
22/5/23

डीन (सिक)/(Dean SRIC)
आ. प्रौ. सं. रुड़की/IIT Roorkee

Rejeer
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