Hiring Research Fellow

Applications are invited for “Research Assistant (RA) / Research Fellow (RF)” positions to work on BRNS (DAE) Govt. of India sponsored project entitled “A System for Spotting Unnatural Behaviour in Indoor Surveillance Video”

Job Description
The research assistant will execute current strategies as well as come up with novel approaches to obtain state-of-the-art results on benchmark datasets. He or she will also be expected to contribute insights to the larger problem, find new research directions in the spirit of scientific research.

Research Topic: “A System for Spotting Unnatural Behavior in Indoor Surveillance Video

Contact Person: Dr. Arjun Jain

Responsibilities:
Explore the research literature and investigate different algorithms for modeling unnatural behavior in video. Be able to swiftly write code and be able to train the algorithms well and analyze the results. Collaborate with rest of the team and cooperatively move the research ahead. Evaluate different approaches and be able to find the correct approach backed by reason. Formalize results and be able to present the scientific validation of the approach through publication.

Number of Posts: 2
Duration of the Project: 2 years

Fellowships and Essential Qualifications:

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<tr>
<th>Fellowship</th>
<th>Essential Qualification</th>
<th>Salary per month</th>
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<tr>
<td>JRF</td>
<td>BE/B.Tech in Computer Science, Engineering or related field</td>
<td>Rs. 25,000/- Consolidated</td>
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<tr>
<td>SRF</td>
<td>ME/M.Tech or BE/B.Tech with 2 years of experience in Computer Science, Engineering or related field</td>
<td>Rs. 28,000/- Consolidated</td>
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<tr>
<td>RA</td>
<td>PhD or ME/M.Tech with 2 years of experience in Computer Science, Engineering or related field</td>
<td>Rs. 36,000/- Consolidated</td>
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Desired Qualifications: Preference will be given to the candidate having the following:

a) Strong coding skills in Python, Torch, Lua, Matlab and C

b) Familiarity with machine learning algorithms and exposure to computer vision
Age Limit: 30 Years (as on Apr 30, 2019)

Last date for applying: 21/04/2019

How to apply: Interested candidates may send their detailed resume (in soft copy form) with details of qualifications, experience, interest and latest photograph along with relevant documents, by email.

Only shortlisted candidates will be called for interview, please note that no TA/DA shall be given to the candidate called for interview.

Applications stating the following particulars must be submitted online by email on ajain@cse.iitb.ac.in

Particulars Required in the Application:
1. Name
2. Email-id
3. Address
4. Phone number
5. Comments (if any)
6. Resume
7. List of Files submitted

Note:
The staff appointed will devote efforts for all aspects of the sanctioned research project, under the guidance of the IIT faculty. For all practical purposes, the staff would be under the administrative control of IIT. Staff appointed for the research project will be eligible for Travel Allowance (TA) to meet travel expenses in connection with the work of the project or for attending symposia etc. at the rates admissible to regular employees of IIT.