International Institute of Information Technology, Hyderabad
Centre for Security, Theory and Algorithms (CSTAR)

Advertisement for Project Staff position

Date: April 15th, 2021

Applications are invited for **One (01),** purely temporary, position in a research project at CSTAR, IIIT Hyderabad. The appointment will be made initially for one year, which can be renewed for subsequent year(s), subject to a performance review and availability of funds.

Principal Investigator
Prof. Ankit Gangwal

Project Description
Current permissionless blockchains suffer mainly from scalability and high latencies. Layer-2 protocols are being developed on top of the layer-1 blockchains. Such protocols avoid disseminating every transaction to the entire network, exchange authenticated transactions *off-chain*, complete *off-chain* transactions in sub-seconds, help reducing fees, and enable blockchains to scale. The primary focus of the project is on the security and privacy issues related to layer-2 blockchain systems.

Responsibilities (including but not limited to)
Primarily project-related research work (literature survey, building prototypes, paper writing, attending/organizing conferences/workshops/tutorials, etc.).

Qualification/criteria
- At the time of joining, the candidate must have a regular, full-time Master's and Bachelor's degree in Computer Science (or related area) from a recognized university.
- Preference will be given to the candidate who is GATE-qualified and has done at least 6 months of thesis work during the Master's degree.
- Having blockchain-related research publications at recognized venues is a plus.

Salary
Rs. 25,000/- per month consolidated salary.

Application Deadline
May 25th, 2021

Date of Joining
July 15th, 2021 (negotiable, but no later than August 01st, 2021).

Selection Procedure

- Shortlisted candidates will be intimated via email by June 15th, 2021 for an interview; if on-site interviews take place, no TA/DA will be provided to the candidates.
- Interview date: Between June 21st, 2021 and June 25th, 2021; the exact date will be communicated via the above-mentioned email.
- Selection will be based on candidate's performance during the interview conducted by the committee.
- Selected candidate will be informed via email in the last week of June 2021.

Application Procedure

To apply, send an email to hiring.projectstaff@iiit.ac.in along with a single PDF containing

1. CV (with details of qualifications, experience, etc. Max 2 pages).
2. Research statement (relevant to project's scope. Max 2 pages).
3. Copies of relevant certificates.

Please keep the subject line of the email as: **[PRJSTF_BLKCN_2021_ONE_AG] Application**