



C R Rao Advanced Institute of Mathematics Statistics and Computer Science

University of Hyderabad Campus, Prof. C R Rao Road
Gachibowli, Hyderabad – 500 046, Telangana

Website: www.crraoaimscs.org

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ADVERTISEMENT

Applications are invited in prescribed format for positions of AI Engineer, HPC(Junior/Senior)Engineers and Consultant. Candidates satisfying the mentioned qualification, requirements and experience may send their signed application with latest resume to Director, C R Rao AIMSCS, University of Hyderabad Campus, Prof C R Rao Road, Gachibowli, Hyderabad – 500046 through Speed-Post/courier or email to jobs@crraoaimscs.res.in with the subject as Advertisement No. and position, on or before 30th November, 2022.

S.No	Designation	Qualification and Requirements	No of posts
1.	AI Engineer (Senior)	<p>Qualification: ME/M.Tech/MS in Computer Science/IT (or) B.E/B.Tech in Computer Science/IT with minimum 70% marks or equivalent from an AICTE/MHRD recognized University/Institute</p> <p>Requirements:</p> <ul style="list-style-type: none">• Proficient in Python language• Knowledge in any one of : C, C++, Java• Hands-on experience in Data Science-Machine Learning, Deep Learning• In-depth knowledge on supervised and unsupervised machine learning algorithms including classification, clustering, and regression & Deep Learning packages such as TensorFlow, PyTorch, Keras and CAFFE.• Experience with data visualisation tools and libraries like Plotly, Seaborn etc• Hands-on experience in both Linux and Window environments <p>1-2 years of experience of relevant experience in Industry/Research <i>Pay- As per SRF scale, DST norms.</i></p>	2
2.	HPC Engineer (Senior)	<p>Qualification: ME/M.Tech/MS in Computer Science/IT (or) B.E/B.Tech in Computer Science/IT with minimum 70% marks or equivalent from an AICTE/MHRD recognized University/Institute</p> <p>Requirements:</p> <ul style="list-style-type: none">• Development experience in one or more parallel programming environments or accelerated computing.• Demonstrated experience with performance optimization of scientific applications/AI-ML workflows.• Knowledge of modern HPC systems, GP-GPU architectures and execution models.• Parallel programming like MPI, Open MP, OpenCL and CUDA• Programming knowledge of C, C++ or Java and understanding of data structures and algorithms.• Experience with AI-ML Frameworks such as TensorFlow, PyTorch, Keras, CAFFE.• Hands-on experience in both Linux and Window environment <p>1-2 years of experience of relevant experience in Industry/Research <i>Pay- As per SRF scale, DST norms.</i></p>	2

3.	AI Engineer (Junior)	<p>Qualification: ME/M.Tech/MS in Computer Science/IT (or) B.E/B.Tech in Computer Science/IT with minimum 70% marks or equivalent from an AICTE/MHRD recognized University/Institute</p> <p>Requirements:</p> <ul style="list-style-type: none"> • Proficient in Python language • Knowledge in any one of : C, C++, Java • Hands-on experience in Data Science- packages used in Machine Learning, Deep Learning-TensorFlow, PyTorch, Keras. • Experience with data visualisation tools and libraries like Plotly, Seaborn etc • Hands-on experience in both Linux and Window environments <p><i>Pay- As per JRF scale, DST norms.</i></p>	4
4.	HPC Engineer (Junior)	<p>Qualification: ME/M.Tech/MS in Computer Science/IT (or) B.E/B.Tech in Computer Science/IT with minimum 70% marks or equivalent from an AICTE/MHRD recognized University/Institute</p> <p>Requirements:</p> <ul style="list-style-type: none"> • Knowledge of modern HPC systems, CPU/GP-GPU architectures and execution models. • Programming knowledge of C, C++ or Java and understanding of data structures and Algorithms. • Hands-on Experience in parallel programming like MPI, OpenMP, OpenCL and CUDA • Hands-on experience in both Linux and Window environments <p><i>Pay- As per JRF scale, DST norms.</i></p>	2
5.	Soft Computing Consultant	<p><i>The Institute intends to engage Senior Industry Experts to contribute to in the areas of ML/DL and HPC</i></p> <p>Qualification: Should have a minimum of three years' work experience in Industry/Research</p> <p>Requirements:</p> <ul style="list-style-type: none"> • In-depth knowledge in the Machine Learning/Deep Learning, especially in Neural Networks and all the latest packages/libraries • Hands-on experience in packages for Supervised and Unsupervised machine learning algorithms including classification, clustering, and regression & Deep Learning packages such as TensorFlow, PyTorch, Keras, CAFFE. • Sound knowledge of CUDA, Concepts of Pipelining and Parallelization • Hands-on Experience in Parallel programming/GP-GPU like MPI, OpenMP, OpenCL and CUDA in Nvidia • Hands-on experience in both Linux and Window environments <p>Consultation Fee: Depending on experience, upto Rs. 1,20,000/- per month</p> <p><i>Applicable taxes, if any, will be deducted at source.</i></p>	2

Note:

Detailed CV to be attached with explanation of all the technical work done in the various domains of ML/DL, HPC, highlighting programming experience.

- 1) Initial appointment will be for a probation period of 5 months. Extension will be given based on performance and necessity.
- 2) Shortlisted candidates will be called for interview, in either online or offline mode. If offline, no TA/DA will be paid for the journey to attend the interview.
- 3) Institute reserves the right to fill or not to fill the positions according to the suitability of the candidates.

Sd/-
Director, CR Rao AIMSCS