INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI

(A State University established by Govt. of NCT of Delhi)

Date: 12 Oct. 2021

Engineer Advertisement: Robotics, Computer Vision, Hardware

To Apply, **fill the form and upload your CV at** https://forms.gle/D74zhkXoz8Vgg5jJA

Applications are invited for the position of a junior research fellow for the DST ICPS project titled "*Smart Driving Using Co-operative Perception over a Constrained Communication Network*" at IIIT-Delhi. Candidates having excellent programming skills and a knack for hands-on implementation of algorithms for robotics and computer vision on hardware platforms like the NVIDIA Jetson Bot (JetBot), ODROID, and Raspberry Pi.

Exposure to training and testing deep learning and deep reinforcement learning algorithms is a big plus. Experience in handling sensors like cameras, LIDARs, ultrasonic sensors, and RADARs, is a big plus.

Post	Engineer (Full Time, will work from IIIT-Delhi)
Monthly remunerations	commensurate to JRF
Essential qualifications and experience	- Bachelor's or Master's degree in Computer Science/ ECE or equivalent Exceptional programming skills in Python **and** C++ Experience working with openCV Experience working with platforms *like* the NVIDIA Jetson Bot (JetBot), ODROID, and Raspberry Pi.

Desired qualifications and experience	- Experience with deep reinforcement learning
	- Familiarity with Git
	- Experience with one or more of the following
	   o OMPL, ROS, Gazebo
	   o Scikit-learn, PyTorch / Tensorflow
	   o Integration of sensing, compute and network hardware with robotics platform

Duration	1 year
Last date for application submission	**02 Nov. 2021** Position will be filled as soon as a suitable candidate is found.

To apply, fill the form at https://forms.gle/D74zhkXoz8Vgg5jJA; For any queries regarding the position, send an email to skkaul@iiitd.ac.in with subject **ICPS Project Application Oct 2021.** Note that CVs sent over email will **not** be considered.