**INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI**

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

Date:  9 Apr. 2024

**Research and Development Engineer Advertisement: Computer Vision, Machine Learning, Deep Learning**

Applications are invited for the position of Research and Development Engineer for project ALIVE (Autonomous Last mIle VEhicle) at IIIT-Delhi. Candidates having excellent programming skills and a knack for Computer Vision and Machine Learning are invited to apply. The role will involve design, development and deployment of perception (detection, tracking, forecasting) and localization (and mapping) algorithms on our ALIVE platform. You will be working on challenges that are part of autonomous driving for the Indian urban last mile.

Candidates who aspire to a rewarding career in robotics and autonomous systems (by joining the industry, building a startup, or pursuing higher education) and who satisfy the essential qualifications listed in the table are encouraged to apply to be a part of ALIVE. Candidates are expected to deliver as part of a team, adhere to project deadlines, while fully owning their own modules and tasks.

Engineers who made good contributions to ALIVE over the last three to four years, are either graduate students in top US universities in areas aligned with robotics or are robotics engineers in good companies.

| Post | Research & Development Engineer |
| --- | --- |
| Monthly remunerations | 35,000 - 70,000 (all inclusive) |
| Essential qualifications and experience | - Bachelor's or Master's degree in ECE/Computer Science or equivalent<br> - Basic course in Deep Learning & Computer Vision<br>  o Experience with Camera Calibration / mono or stereo SLAM<br>  o Experience with debugging object detection and multi-object tracking methods.<br> - Excellent programming skills in Python **and** C++<br> - Comfortable with Ubuntu and Git<br> - Familiarity with ROS<br> - Experience with one or more of the following<br>  o PyTorch, Tensorflow, OpenCV, scikit-learn |
| Duration | 1 year (extendable by up to 2 years with appropriate increments) |
| Last date for application submission | **30 Apr. 2024**<br>Position will be filled as soon as a suitable candidate is found. |

Why should you apply for this position? See here. To apply, fill this Google form.