

## **Position: Robotics Application Engineer**

### **About Company:**

Hachidori Robotics, a deep tech start-up pioneering in autonomous mobile robot (AMR), is poised to revolutionize material movement automation through its innovative yet simplistic solution which is affordable and easy to deploy without any interruption to ongoing operations. Since its inception in 2019, Hachidori has made significant progress in various dimensions including innovation of patented navigation technology, IP creation, End-to-end product design and development and successful deployment of field proven products. Hachidori is majorly scaling up its operations to strengthen its market penetration and deployment footprint.

### **Job Description**

#### **Primary Responsibilities:**

- Understand the problem statements and design solutions for robotic applications
- Implement control flow to realize desired functionality with the help of sensor-based data (e.g., vision, proximity sensors etc.)
- Develop algorithms using sensor data to accomplish novel applications to enhance robot intelligence.
- Evaluate and identify optimal HW platforms that can match the computing needs of complex algorithms and to achieve high performance requirements
- Collaborate with other teams to research, develop, evaluate and optimize solutions.
- Utilize various visualization tools to convey analysis and prediction results to stakeholders

#### **Competencies Required and Experience:**

- Bachelor or master's degree in Electronics/Mechatronics or Computer Science.
- Strong programming skills in Python. Good programming skills in C highly desirable.
- Knowledge of Git, GitHub or similar version control systems is added an advantage.
- Hand on experience in Machine Learning/Deep learning project is a plus.
- Self-motivated individual with passion towards conceptualizing/developing new ideas and excellent problem-solving skills.