

## **Sensor data fusion for object detection and classification**

We are seeking master thesis students to do “sensor data fusion for object detection” during 2023. You are welcome to apply

**Sensor Technology Involved:** Optical camera(s) and/or motion trackers, etc..

**Purpose:** To classify and localize objects in a constrained environment

**Start time:** Can be discussed, preferably Jan. 2023

**Duration:** 6 months

**Payment:** According to Husqvarna AB’s standard

**Location:** Husqvarna AB in Jönköping (can be discussed)

### **Requirements on Skills**

1. Preferably has learned “sensor data fusion” related courses with good grades.
2. Be familiar with Open CV for imaging processing and other platforms for sensor data fusion.
3. Preferably, be familiar with Python and/or C/C++ programming.

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