Software Engineer - R&D Position in AI-based Recycling

As part of the Reverse Metallurgy project, GeMMe group from the University of Liège, in collaboration with Comet Treatment and Citius Engineering, developed an acquisition bench intended in particular for characterization and sorting of metallic automotive shredder residues for recycling purposes.

This PICKIT bench is the integration of a conveyor belt, high-end sensors and delta robots. The major challenges consist of the sensor synchronization and calibration, real-time analysis of those measurements and fast robotic grasping.

A short video presentation of our project can be found here: https://www.youtube.com/watch?v=2qpnaUw_D5s

Along with this project, the PICKIT team is now addressing the problem of plastics sorting and is actively looking for new talents to rise those challenges.

PROFILE

- Master in Computer Science, Mechatronics or Electronics Engineering (or equivalent experience)
- Experience in C/C++ (Qt5), Python (OpenCV, Tensorflow) and multithread programming
- Strong interest in computer vision, artificial intelligence, deep learning and robotics

WE OFFER

- To develop valuable skills with new technologies (deep learning, IOT, robotics, high-end sensors) for an industrial application
- To integrate a team of 4 passionate engineers working on an environmentally friendly and profitable project
- A good work atmosphere (flexible hours, continuous training, new infrastructures) with an attractive salary

HOW TO APPLY?

Please send your CV to robert.baudinet@uliege.be, to the attention of Robert Baudinet before 15th of February 2020.