

MERIVALE SOFTWARE AND ROBOTICS – ROBOTICS ENGINEER

As part of our Robotics Division, our talented robotics engineering teams are working to automate physical processes that require sensing and judgement through the use of robotics and machine vision.

Currently, our focus is on robotic waste separation. Our solutions use sensors, robotic arms and grippers and applications of cutting-edge research in manipulation and control to separate different streams of wastes and recyclables.

YOUR ROLE

Leading the productionisation, engineering and the optimisation of our robotic packing prototype taking care that every of its aspects fulfills the quality requirements for a commercial product.

Taking the lead in the adoption of technologies and software design paradigms new to robotics but suitable for our robotics solutions.

Participating in the development, integration and maintenance of several components of a robotic pick system.

Learning about our innovative robotic pick systems and developing knowledge of how our robotic manipulators and related software works.

Mentoring and supporting junior engineers.

Driving positive changes in both our software development practices and the team culture / processes.

Learning about the latest developments in robotics research.

Ideally the candidate will have:

Proven industrial experience as a software engineer;

A Master degree/ PhD in one of the following subjects:- Robotics, Software Engineering, Computer Science, Informatics, Mathematics,

Extensive experience developing in python and/or C++;
Experience in maintaining and setting CIs/CD pipelines;
Experience integrating large systems;
Ability to refactor, restructure and maintain code safely;
Proficient at writing and maintaining unit, functional and integration tests;
Comfortable in using source control software (i.e. git);
Experience working in an Agile environment;
Keen interest in working with robotic arms;
Be a good team player, supporting other team members with his/her expertise.