

Internship

Object registration, Toolpath generation in ROS2 for industrial applications

We are looking for a driven and talented individual to join our team for three to six months as an intern. This internship involves working on cutting edge research and development aimed at industrial applications using open-source software. During the internship, the student will work on creating ROS2 interfaces for packages needed in industrial applications such as welding,

Tape laying, inspection, and milling. The student will work with SAM XL team and get an opportunity to understand these packages/technologies in detail.

Responsibilities:

- Understanding the underlying technologies for several ROS2 packages
- Creating an interface for SAM XL software
- Writing documentation
- Giving a demo for each software package.

Required Skills:

- Proficiency in C++ and python
- Effective communication skills
- Critical thinking ability, problem-solving attitude
- Experience in ROS2

At SAM XL we value creativity, critical thinking, and a desire to innovate. You will have an opportunity to get experience in industrial robotics while being in a supportive working environment. You will be contributing to the cutting edge of smart robotics for the industry.

If you are passionate about robotics and want to get your hands dirty while solving complex challenges, please apply for this position. We would like to see your resume along with a short cover letter explaining your experience or motivation to pursue the internship.

Note: We have better coffee than the university and **an internship remuneration will be part of your employment.**

Interested? Send your CV and a short motivation to internships-samxl@tudelft.nl