



Thesis or Internship: Concept and Implementation of a Digital Twin for the Schunk EGU-Gripper in ROS (m/w/d)

Digitale Produkte and Services

SCHUNK is the world's first choice when it comes to equipping robots and production machines. More than 3,500 employees in nine plants and 34 national companies ensure that gripping systems, clamping technology and depaneling machines from SCHUNK enable more precise, economical and reliable production all over the world.

ROS (Robot Operating System) is the most widely used framework in research robotics and the industry is also slowly catching up. This topic revolves around the development of a ROS-based driver for the EGU-Gripper, allowing it to be controlled by a ROS-enabled robot, either in the real world or in a simulation.

You are currently enrolled and looking for a company for your upcoming thesis or an internship? We are offering the opportunity to apply your theoretical knowledge in practice in the Digital Products & Services department as soon as possible.

Your Task:

- Technology research and concept phase
- Implementation of algorithms and software architecture
- Test and validation of the developed digital twin

Your profile:

- Studies in the field of Science, Technology, Engineering or comparable
- Programming background in C++, python and ROS
- Structured and independent approach to work
- Team spirit

We look forward to receiving your online application our homepage Ms. Lara Schneider, who is available for initial information at
Tel. 07133-103-3384.

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