Master thesis:

False-Positive Suppression for Deep Learning based Object Detection in the Industry (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.

One of the problems that often arise when applying deep learning in the industry is the high number of false-positive cases. However, industrial applications often demand low false-positive rates to satisfy certain robustness criteria.

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

Your Task:
- Research of the state of the art and concept phase
- Implementation and deployment of the methodology
- Validation and test phase on real production system

Your profile:
- Studies in the field of Science, Technology, Engineering or comparable
- Programming background in python
- Experience with computer vision and machine learning frameworks
- 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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