Student job, master thesis, bachelor thesis, project thesis, internship

Development of an ML implementation strategy for manufacturing SMEs

The use of machine learning in production is becoming increasingly popular. SMEs in particular are looking more closely at the potential of machine learning and the resulting added value.

However, many SMEs, especially in the manufacturing sector, lack an implementation strategy that guides them through this complex process, starting with application identification and checking the basic requirements through to commissioning and the Center of Excellence.

The aim is therefore to enable SMEs to introduce and use machine learning applications and to support them with the help of the implementation strategy.

Your tasks

- Systematic investigation of existing implementation strategies by means of literature research
- Development of a generic implementation strategy (e.g. through roadmapping)
- Implementation of case studies using Python
- Identification of SME-specific challenges in the introduction of machine learning

Your profile

You are studying one of the following subjects:

- Industrial engineering
- Business informatics
- Mechanical Engineering
- Production and logistics

You are interested in the topic of artificial intelligence, especially machine learning. You also enjoy conducting literature research to investigate the current state of research.

You also have knowledge of programming with Python.
Good written and spoken German and English skills are necessary for the work.

We offer

- appropriate remuneration
- independent work
- flexible working hours
- well-equipped workplaces
- home office by arrangement
- test implementation
- possibly long-term cooperation

Bitte sende deine aussagekräftige Bewerbung in einer einzigen PDF-Datei an jobs@iph-hannover.de.

Die Bewerbung muss Anschreiben, Lebenslauf sowie Prüfungsleistungen des Studiums / Zeugnisse enthalten.

Contact

Manuel Savadogo
M. Sc.

+49 (0)511 279 76-449

IPH – Institut für Integrierte Produktion Hannover gGmbH
Hollerithallee 6
30419 Hannover

www.iph-hannover.de

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