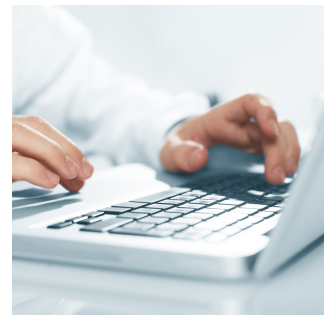


Student job, master thesis, bachelor thesis, project thesis, internship

Application of AI in a practical example – thesis

The aim of the AutoPress project is to enable complete process monitoring and subsequent control of a screw press. In the current project status, the relevant parameters have already been identified, sensors procured and tests carried out. The data generated will now be analysed. Due to the large number of error variations and sensors, the use of AI methods is predetermined. Once improved AI models have been successfully implemented, practical validation tests can be carried out by arrangement.

The aim of the project will be to develop optimised AI models using the CRISP-DM model.



Your tasks

Within the project, your tasks will include working independently on the following main topics:

- Further development of the existing user interface
- Work according to CRISP-DM standard for data pre-processing, model selection and evaluation
- Integration of AI models in live evaluation
- Integration of process control instructions in the user interface

Further tasks and topics that are in your interest can be worked out together.

Your profile

You are studying one of the following subjects:

- Mechanical engineering
- Production Engineering
- Industrial engineering
- Computer science

You are interested in programming, artificial intelligence or process monitoring.

You also have knowledge of programming with Python and AI.

Very good written and spoken German is a prerequisite.

We offer

- Appropriate remuneration (for student job)
- independent work
- flexible working hours
- well-equipped workplaces
- home office by arrangement
- test realisation
- possibly long-term co-operation



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.

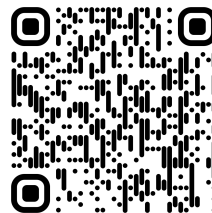
Contact



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