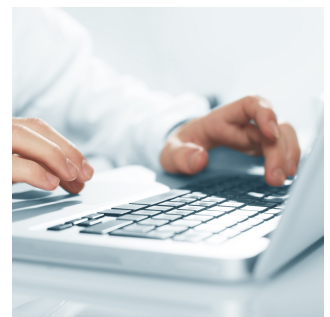

Master thesis, bachelor thesis, project thesis

Thesis on the topic of artificial intelligence/process monitoring

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 analyzed using the CRISP-DM model. Due to the large number of fault variations and sensors, the use of AI methods is predetermined.

The aim of the project will be to develop optimized 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 preprocessing, model selection and evaluation
- Integration of AI models in live evaluation
- Integration of process control instructions in the user interface

Other tasks and topics that are of interest to you can be worked out jointly.

Your profile

You are studying one of the following subjects:

- Mechanical engineering
- Production engineering
- Industrial engineering
- or similar.

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

You also have knowledge of programming with Python and ideally AI.

Good written and spoken German is a prerequisite.

We offer

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



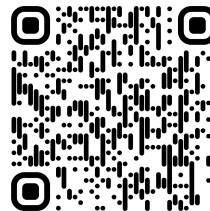
Nils Doede
M.Eng.

+49 (0)511 279 76-339

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

www.iph-hannover.de

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