

Master thesis

Master thesis: MES core processes for AI parametrization

In the KIProWahl research project, an AI chatbot is being developed to support SMEs in eliciting their production processes for software selection (e.g., MES). To conduct effective interviews, the AI must know how established IT systems differ in their functionalities. In this thesis, you will analyze the MES market for differentiating core processes. Based on this, you will derive critical guiding questions that the chatbot must ask the operator in order to later make a tailored system recommendation.

Your tasks

- Market research and functional comparison of established MES systems
- Identification of core processes that set the system apart (e.g., variant management)
- Derivation of process-specific questions for system scoping
- Conversion of the questions into structured prompt templates for the LLM
- Testing of the generated questions in the KIProWahl software demonstrator

Your profile

You are studying

- Industrial Engineering
- Business Informatics
- Mechanical Engineering
- or similar

You have a strong interest in production IT, business processes, and Artificial Intelligence.

Analytical thinking and a structured way of working distinguish you. Good German and English skills are required.

We offer

- independent work
- flexible working hours
- well-equipped workplaces
- home office by arrangement
- execution of experiments



Contact

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

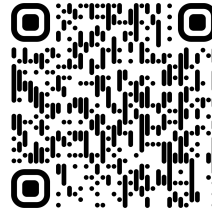
Still not convinced?

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



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