karriere.fir.de

Wir machen Führungskräfte

fir an der RWTH Aachen

Sustainability and AI are the trending topics in manufacturing companies. Often, both topics are driven forward in different departments. Sustainability is either anchored in the form of a staff position directly at the CEO or as part of corporate communications. AI is either business- or development-driven. It is therefore either implemented in prototypes on a test basis in the specialist departments or driven forward by the development department. In order for companies to achieve their ambitious sustainability goals, AI-driven use cases must be described.

Therefore we now offer the possibility of creating a

Master Thesis
„Introducing AI-driven Use Cases for Sustainability in manufacturing industry“

Your Tasks

- Research and describe ambitious sustainability goals by analyzing the UN Sustainable Development Goals, Corporate Sustainability Reports, ESG criteria of stock market
- Resarch and describe AI-driven Use Cases in manufacturing industry by analyzing studies, papers and interviews
- Develop and explain effect relations between a set of sustainability goals and AI-driven use cases
- Design an approach for companies to introduce the AI-driven use cases

Your Profile

- Students from the fields of mechanical or industrial engineering (e.g. MME-PS)
- Very good knowledge English or German, both written and spoken
- Excellent handling of MS Office applications
- Excellent handling of Citavi.

We offer you

- Interesting and demanding tasks on the pulse of time
- The opportunity to acquire practical knowledge
- A highly topical and developing topic
- The possibility of flexible time management and independent work.

Contact person:
Dr.-Ing. Jan Hicking
Phone: +49 241 47705-502
Mail: jan.hicking@fir.rwth-aachen.de

If you are interested, please send your documents (short cover letter, curriculum vitae, certificates, current excerpt from the grade sheet) in digital form to the e-mail provided.