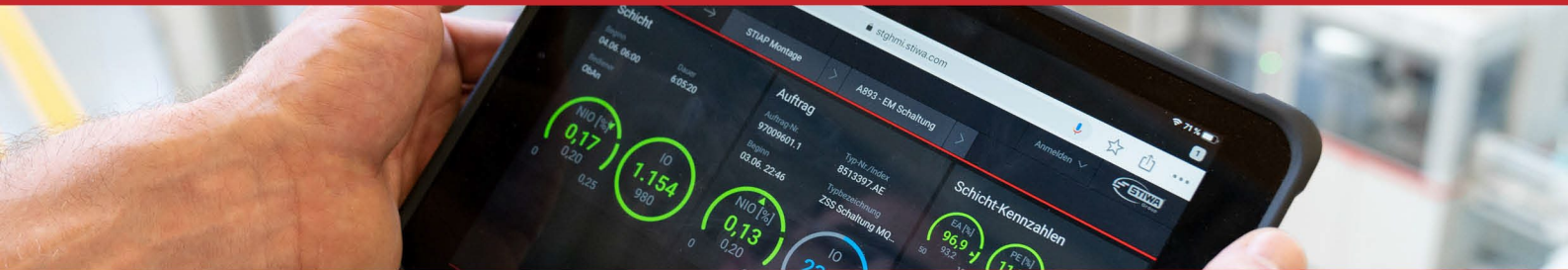


The Benefits of AI in the Software Development Process



Bachelor's Thesis

Our goal is the profound control of systems and processes in networked product and high performance automation, intelligent building automation and pre-analytical processes in the laboratory. With more than 150 employees and 30 years of experience, STIWA Software inspires customers from various industries worldwide.

Motivation

The state of the art is to be assisted by chat AI in solving tasks. This is also the case in software development. The question is how and in which areas of software development such systems can usefully assist us.

Target

- Concrete practical examples show how and in which areas of software development AI systems can be used efficiently.

Tasks

- Consideration of the different AI systems (ChatGPT,...) taking into account the framework conditions such as confidentiality of data, etc.
- Consider/evaluate the potential of AI in the following areas of software development (using concrete practical examples):
 - Writing code
 - Testing, Debugging
 - Code optimization
 - Uncovering security issues
 - Code analysis and translation
- Figuring out how to set the tasks for AI systems in different areas of software development to get the best result



PLEASE CONTACT US

Send your complete application documents to:

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