



Flex is the diversified manufacturing partner of choice that helps market-leading brands design, build and deliver innovative products that improve the world.

A career at Flex offers the opportunity to make a difference and invest in your growth in a respectful, inclusive, and collaborative environment. If you are excited about a role but don't meet every bullet point, we encourage you to apply and join us to create the extraordinary.

To support our extraordinary teams who build great products and contribute to our growth, we are looking for a **Simulation Engineer (a)**, starting immediately or by mutual agreement, for our location in **Hägglingen / AG**.

Simulation Engineer (a) 100%

Here is a glimpse of what you'll do:

- Evaluation of production, process and quality data to identify optimization and improvement opportunities
- Responsibility and technical leadership for the development and application of statistical methods and Design of Experiments (DOE) for process development and optimization
- Data-driven determination and optimization of process windows, as well as development of solutions for process optimization, quality control and defect detection
- Support Engineering and Production in complex troubleshooting and root cause analyses
- Development and implementation of machine learning and AI applications for industrial processes, including internal software, analytics and automation tools, as well as the analysis and visualization of production data
- Application and further development of image processing and vision solutions for inspection and quality processes
- Development of solutions for the intelligent use of existing machine, process and quality data
- Lead and implement digitalization and smart manufacturing projects, including the introduction of new technologies
- Further development of digital production and engineering methods in close collaboration with Process Engineering, Quality, Operations, Automation and IT

Qualification you should bring:

- Technical education at HF/FH/university level, for example in mechanical engineering, plastics technology, production engineering, automation, industrial engineering, data science or a comparable field
- Experience in an industrial production or engineering environment as well as working with industrial vision systems
- Knowledge of statistical data analysis and ideally experience with DOE
- Strong analytical thinking skills and a structured approach to complex problem-solving
- Independent way of working and an interest in developing and implementing new solutions
- Good communication and teamwork skills in an interdisciplinary environment
- Very good German skills and good English skills
- Open mindset as well as enthusiasm and curiosity to learn new things and continue developing professionally

What you ideally also bring:

- Experience in a regulated production environment, ideally in MedTech
- Knowledge of statistics tools such as Minitab, JMP or comparable applications
- Knowledge of Python, SQL or comparable analytics and programming tools
- Knowledge of data visualization, for example with Power BI
- Knowledge of machine learning, artificial intelligence or computer vision
- Experience with MES, machine or production data systems
- Knowledge of Lean Manufacturing and Six Sigma

What makes Flex Switzerland so unique?

- We serve a fantastic market: the products we manufacture support millions of people around the world every day in the prevention, early detection, diagnosis and monitoring of diseases, and this is where the deeper value of our work lies;
- We have a very exciting and positive growth journey ahead of us;
- Strong, inspiring and unique corporate culture;
- Professional and modern working environment with free parking and EV charging stations;
- Comprehensive onboarding;
- Access to personal and professional development;
- A competitive salary package.

Please note that our recruitment team is based in Hungary and therefore you may be called by an international number (+36...).

We look forward to receiving your application!

Further Information

Reka.Bozso@flex.com / Recruiter

www.flex.swiss

Apply now