We are looking for DATA SCIENTIST (M/F/D) to join our team

Company & Product

Revolutionizing the Plastics Industry

The 150y old family-owned hidden champion NETZSCH Group founded its very first corporate venture. Under the brand sensXPERT®, manufacturing process enhancements happen in real-time. We have a consistent exchange with our customers and think outside the box. The result: novel and disruptive products. sensXPERT® tackles challenges such as raw material deviations, efficiency issues and high scrap rates. Our Saas technology combines experience in measurement instrumentation, materials and sensors with edge device, cloud-stack and AI technology.

SensXPERT® in a nutshell: Sensors become part of manufacturing molds, measure real-time material behavior. The connected edge device communicates the process data to the cloud, where machine learning algorithms predict the sweet spot for demolding and dynamically adapting the manufacturing process. Our intuitive cloud application provides total process transparency and data management.

We are a diverse and enthusiastic team from various backgrounds that transforms the plastics industry and innovates manufacturing processes. Next to that, we aim to make a change by delivering options to enhance sustainable manufacturing.

The role

You are part of a fast growing team of data scientists, developers and hardware engineers. Together you are responsible for the launch and continuous development of our product and you will be reporting to our R&D Director. You will work on the development of our AI driven cloud solution as well as our web application. Because our product is both digital and connected to a hardware device, you will work closely together with the hardware engineers and developers in the R&D department.

Your tasks & responsibilities

- Realization of new approaches to data analysis with a focus on Machine Learning, Predictive Analysis, Statistical Programming and Data Visualization
- Continuous development of existing AI through analysis of data from the industrial field (sensor and machine data)
- Cross-functional collaboration with departments in the areas of software, electronics, applications and business development
- You will be involved in the entire software development process from requirements analysis, design and implementation of machine learning algorithms to integration into our product and functional testing at selected customers.

What you bring

- Completed studies in the field of physics, chemistry, mathematics, computer science or comparable qualification
- You have strong theoretical and practical knowledge in Machine Learning, Deep Learning and Statistical Modeling.
- In-depth experience in a Machine Learning application field such as time series analysis, computer vision, reinforcement learning
- Design and implementation of data-driven solutions from data analysis to finished product
- Experience in data analysis and visualization and communication of results.
- You write high performing and maintainable code, preferably in Python. Other programming languages such as C, C++, Julia, Scala are a plus.

- Close collaboration with experienced software developers and data scientists in an agile environment and exchange with the counterparts at our sister company NETZSCH-Gerätebau GmbH

- Knowledge of frameworks and software libraries for machine learning, deep learning and data analysis
- First experience in the design and implementation of a data architecture, including the use of cloud technologies
- Experience with Big Data and real-time algorithms is an advantage
- Strong analytical and conceptual thinking skills with a high level of independency
- Very good communication skills as well as a team mindset
- International talent is welcome, English skills are required, German is a plus

What we offer
- A fulltime position (40 hrs), flexible working hours and working from home arrangement
- Unlimited contract and 30 days paid holidays
- The position is based in our Tech Hub in Munich, which is 10 min walking distance from the main station, or at our headquarters in Selb
- Coffee, tea and fresh fruits in the office
- Support for personal development
- Employee participation; the possibility to acquire shares of the mother company
- An open and warm culture, based on mutual respect and where initiatives are highly welcomed

Contact
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If this sounds like a match to you, then we are happy to hear from you!

We value equality of opportunity regardless of gender, age, race, nationality or any other type of non-professional classification. Also, if you don't tick all the requirements and believe that you have what it takes to help us get to the next level and that we should meet, we strongly encourage you to apply and tell us more about what we should do together.