

Job Advertisement

Reference-n.: MCL_207

Materials Center Leoben (MCL) supports numerous companies in the production sector developing high-performance materials, manufacturing processes and products. MCL designs specific computer-aided technologies in order to accelerate innovation processes in manufacturing companies as well as to support the digitalization of the value chain and products. Our portfolio includes cooperative research and development projects with international and national partners from the production and research sectors as well as several consulting, laboratory and simulation services in materials science.



Junior Scientist Sensor Data Analytics

*Data Exploration, Feature Engineering, Model Building,
Model-Based Condition Monitoring*

What are we looking for....

- Master of Science in Data Science, Physics, Technical Mathematics or comparable.
- *Experience with sensor data processing and/or feature engineering and/or model building*
- *Working knowledge of programming in Python*
- *Scientific curiosity, team skills, self-initiative*
- *Good oral and written communication skills in English and German*

Your challenge...

- Contribute to applied research in design of model-based condition monitoring systems
- Extend automated data collection, cleaning and exploration tool chains
- Explore semi-automated methods for feature engineering
- Build models (ANN, VAE, SVR, GPR,...) able to detect faults in physical systems
- Contribute to research articles in peer-reviewed journals
- Gather some hands-on experience before starting a PhD

Our offer

An employment with immediate start and a (min.) gross monthly salary of € 2.900,00. Overpayment dependent on your professional qualification and experience possible.

*Please send your complete application documents by post or email.
We are looking forward to knowing you!*

bewerbung@mcl.at

