



mechatronic/field engineer (f/m/d) development and field commissioning of autonomous machines

xtonomy transforms large mobile machines to work autonomously in the roughest mining and industrial environments – we provide autonomy everywhere. In mining applications our Autonomous Haulage System (AHS) for trucks autonomously hauls material and interacts with loaders and crushers while using a robust radar-based perception system for GNSS-denied and rough environments. Within our automation ecosystem we also provide modules as pre-steps to full autonomy, such as operator assistance, tele-operation and collision avoidance systems.

Our company was founded in 2011 as a R&D company of indurad - the industrial radar company. In 2021 a full spin-off from indurad was launched. We have a long experience in mobile machine automation based on radar perception for underground and surface mining as well as industrial applications. We work in a consultative and solution-oriented manner in close cooperation with our international customers.

We are looking for

We are seeking a mechatronic engineer who shares our enthusiasm for technology, automation and mobile machines and is keen to install, commission and test our technology at international customers in the field on various types of machines as well as to further develop the technology in Aachen.

Your profile

- (First) experience with commissioning of sensors and controls at the customer
- Programming of PLC control systems (e.g. with CoDeSys)
- Knowledge of network technology
- Knowledge of electrical engineering
- Knowledge of automotive engineering
- Knowledge of field bus systems
- Control engineering (hydraulic)
- Independent and self-initiative way of working
- High sense of responsibility
- Ability to work in a team and flexibility
- Good English and German language skills, both written and spoken

Optionally preferred Qualifications/Experiences:

- Linux knowledge
- Safety-PLC programming & sensor technology
- Drive-by-Wire systems
- GNSS systems
- Environment sensing sensors Lidar/Radar

Our benefits

- Varying and challenging tasks
- International project environment
- Working in a modern Aachen based office environment
- Flexible working hours
- Cooperation in a young and committed team

Please send your complete application documents by e-mail to hr@xtonomy.ai