

## HARDWARE DEVELOPMENT

### Hardware Engineer for Wireless Power Transfer in Embedded Systems (f/m/d)

- You have experience in the development of electronics for wireless power transmission systems?
- You are an enthusiastic tinkerer and can produce prototypes yourself?
- You are interested in interdisciplinary teamwork for the realization of a miniaturized sensor system?

#### Who we are

amensio is a young technology company specialized in miniaturized measurement technology for process monitoring and control in biotechnology and life sciences.

With over 15 years of experience in bioprocess engineering, we have developed microsensors for spatially and temporally resolved recording of process measurement signals in liquids. Our technology opens up a new deeper understanding of bioreactors and thus unimagined optimization possibilities for maximum product yields. Our aspiration for sensors is therefore: small, wireless and simple to use.

amensio was spun off from TU Dresden in 2021. Our young team of engineers is on a growth course and is now turning the technology into a product.

#### What we offer

- Creative academic working environment
- Room and ambition to grow
- Flat hierarchies and great personal responsibility
- Flexible working hours and locations
- Family-friendly work-life balance
- Market competitive salary

#### What you bring

- You successfully completed your studies in electrical engineering (Uni/FH/BA) or corresponding qualification with a focus on communication technology
- You have proven experience in embedded hardware development
- You are confident in handling of CAD software (Altium, Eagle or similar)
- You are skilled in handling measuring equipment as well as experience in soldering and reworking printed circuit boards is a great advantage
- You have a good time management and self-organization as well as good communication skills
- You communicate openly and honestly, like to discuss ideas in a team (also interdisciplinary), but also enjoy working independently on your own responsibility

#### What you do

- You develop electronics for wireless power transfer (WPT) systems
- You build prototypes
- You do module and integration testing and evaluation of prototypes
- You do troubleshooting of potential problems in prototype systems
- You work in close cooperation with the software and mechanics team