HARDWARE DEVELOPMENT

Hardware Engineer for Embedded Systems (f/m/d)

> You have experience in assembly and packaging technology?
> You are enthusiastic about the challenge of accommodating as many functions as possible
> in the smallest possible packaging?
> 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 packaging and interconnection technology or 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 design and construct antenna technology for miniaturized IoT systems
- You develop electronics for wireless data transmission for energy-limited 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