



## Electrical Engineering Technician (m/f/d, Hybrid Work)

Our highly motivated R&D team develops exiting technologies and enables innovations for leading-edge electronic test applications. Our products ensure the reliability of data communication standards such as USB, HDMI, PCI Express or Automotive Ethernet. These interfaces are implemented at the chip level.

We are searching an additional member of our lab team to maintain and extend our hardware products.

Our headquarters is located in Boeblingen, Germany. This position is applicable to hybrid work.

BitifEye is a Solutions Partner with Keysight Technologies, the leading global test & measurement company, for automated datacom test systems. Our software controls premium electronic test instruments, e.g. high bandwidth oscilloscopes and high-speed data generators. This allows in-depth, automated product testing and characterization, which is a key step for evaluating and debugging next-generation electronic products. With your expertise and dedication, you will help global technology leaders to validate their upcoming products such as sound bars, gaming devices or TVs with amazing new capabilities, way before they hit the market.

### Tasks:

#### **Production**

- Interact with Sales on build schedules, inventory management etc.
- Contribute to the hardware team for “special jobs” such as new supplier evaluation (e.g. TTCs, or new cables)
- Assembling and soldering printed circuit boards with THD components
- Manufacture of assembled cables
- Complete assembly of desktop housings in 19" technology
- Mechanical work such as drilling, milling, filing
- Manufacture of smaller test units
  
- Manage suppliers
- Maintain BOMs / cost lists
- Assist management with inventory reports for the balance sheet etc.

#### **Design**

- Mechanical design using a CAD program (LibreCAD)
- PCB layout taking into account RF conditions (using Seetrax Designer)

## **Health & Safety**

- Assist management and become main contact for the “Sicherheitsbeauftragter”, “LBe”, “Fachkraft Elektro” etc.
  - Responsible to create Gefährdungsbeurteilungen, Unterweisungen, Prüfungen ...
- Manage the training of “Ersthelfer, Räumungshelfer ...”

## **Licensing**

- Coverage of the licensing activities

## **Lab/SWQA**

- Assist SWQA when required
- Assist with lab trainings

## **Requirements:**

- Mechatroniker Elektrotechnik, with minimum 3 years of experience
- Experience with Safety & Health requirements of the BG ETEM
- Good German, to be able to read and understand the requirements of BG ETEM
- Good English