

Electronics Production Technician

Job Offer

The Company

3Brain is a Swiss deep tech company working on cell-electronic interfaces that link biological networks to computers via custom-made semiconductor microchips. Our mission is to empower life scientists to probe intelligent networks, accelerate biomedical discoveries for the benefit of patients, and create a future more exciting than the present. Our interdisciplinary team of scientists and engineers are constantly pushing the boundaries of engineering for life's complexities. We are ambitious, fast-growing and love to explore. The company's cutting-edge products are used in laboratories and pharma companies worldwide. 3Brain is headquartered in Switzerland nearby Zurich, has a Data Science and Discovery Unit in Genova, Italy, and an operational unit in the US. More info: <https://www.3brain.com/about>.

Job description

3Brain is looking for a full-time Electronics Production Technician to scale up the production of its devices and to improve the automation of the processes involved in the production. Working together with the R&D and Fulfilment Team, your responsibility will be to manage and maintain our production processes and to identify potential improvements to support high-quality and ensure consistent delivery that meet our quality standards. The main tasks are:

- Manage and execute manufacturing of our products (i.e., end-assembly, inventory, packaging for the shipment of finished products, etc.)
- Follows production performance indicators
- Collaborate with design and engineering teams to improve product manufacturability, transition developed products into production and identify process optimizations
- Perform routine maintenance and calibration of production equipment and tools to ensure operational efficiency
- Maintain a clean and organized production environment to meet industry standards for cleanliness and safety
- Ensure compliance with safety regulations and quality standards throughout the production process



- Support the implementation of lean manufacturing practices to reduce waste and improve productivity
- Monitor inventory levels and contribute to the ordering of materials
- Execute inbound quality testing for components of high-end biomedical instrumentation
- Develop new test procedures and contribute to root cause analysis
- Troubleshoot production problems related to equipment, processes, quality, and systems
- Provide statistical data analysis and reporting and escalate to management when issue is encountered

Required Qualifications

- An apprenticeship or technical degree (e.g., HF) in electronics/electrics or automation
- Skills and interests in practical work and hands-on activities (“a maker, not a theorist”)
- Team player with initiative, a positive attitude and the ability to work independently
- Strong ability to complete assignments with careful attention to detail, accuracy, and reliability.
- Strong interpersonal relationship, problem-solving, troubleshooting, and written/verbal communication skills in English
- Applicant must have an EU/EFTA or Swiss Citizenship

Additional Qualifications

- Experience with CAD design tools
- Interests in 3D-printing, injection molding and materials
- Interest in programming/scripting and/or HW design flows
- Interest to grow in an engineering environment

What We Offer

- A dynamic and stimulating work environment driven by a desire to build transformational technologies to help others.
- A young, fast-growing company with plenty of opportunities for personal growth and development.
- Working place: **Pfäffikon SZ, Switzerland**. It's a beautiful lakeside village just outside of Zurich, the country's main cultural, financial and business center.



To apply send your CV and short motivation letter to hr@3brain.com, subject:
[Electronics Production Technician](#)

