

Director of Development and Production

Job Offer

The Company

3Brain AG 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 is headquartered in Switzerland nearby Zurich, has a R&D office in Genova, Italy, and has installed its cutting-edge products in laboratories and pharma companies worldwide.

More info: <http://www.3brain.com/about.html>.

Job description

For the next expansion step, 3Brain is looking for a Director of Development and Production. The candidate will join the management team to ensure corporate objectives are met and will lead the embedded device development team as well as supervise the production of 3Brain's systems. The team consists of engineers, specialists and technicians. She/He helps plan and design the future products of 3Brain. A non-exhaustive list of responsibilities includes:

- Lead the design team from the definition of product architecture to its design and implementation.
- Coordinate and manage the R&D teams, including electronics, firmware, mechanics and production teams.
- Plan milestones and budgets for development and production.
- Manage and optimize the production and its processes.
- Communicate with external R&D partners, suppliers and manufacturers.
- Develop and coordinate production testing.
- Monthly, quarterly KPI results and gap consolidation.



Required Qualifications

- MSc/PhD in Electronics with profound, 15+ years of industrial experience in modern FPGA-based or Microprocessor-based embedded system design.
- Expert understanding of mechanics and electronics processes and workflows and co-integration into a product.
- Expert understanding of production-related processes and workflows.
- Fluency in English.
- Great team spirit, outstanding personality and strong will to lead a group of engineers in a fast-paced environment.
- Initiative, independence and ability to communicate and work effectively with other team members in a multicultural and international environment.

Additional Qualifications

- Fluency in German.
- Firmware design (C/VHDL).
- Knowledge of Matlab and/or Python.

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.
- Great challenges and adventures in both technical and economical fields.
- Working place: **Pfäffikon, Switzerland**. It is 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: [Director of Development and Production](#).

