



Embedded HW/FW Design Engineer (100%)

In your new role you will work hands-on in multi-disciplinary teams. You will participate in the full development process of new products from the initial idea to series production, and you will leave your mark on the products. You will be actively working in an agile and modular product development environment. The dynamic working atmosphere offers opportunities to work on projects with global reach, while cultivating fruitful collaboration with our SW group in Singapore, as well as our innovative Swiss partner companies. You will bring in new accents and enjoy creating new solutions for most diverse industries.

What will you do

- Concept, design and implementation of high-quality portable instruments for non-destructive testing (NDT)
- Product development in sensor technology, analog and digital electronics, firmware and signal processing
- Project leading (electronics, mechanics and software), version control and documentation
- Circuit design and simulations, PCB layout, prototype assembly, test and calibration
- Ultrasonic, radar, eddy current, optic sensor characterization, measurements and modelling
- Working with multi-disciplinary cross-functional groups including Product Management and Supply Chain

What do we expect

- University degree in Electrical Engineering (M.Sc. / B.Sc. with 6 / 8 years of work experience, respectively)
- Demonstrated work experience in an interdisciplinary high-tech product development environment
- Very good knowledge in low noise analog frontend design and good knowledge in digital signal processing

- Experienced and skilled in schematic and PCB layout design using Altium, prototype assembly and testing
- Embedded FW development with C/C++ on different micro controllers and experience in FPGA programming
- Experienced in project lead of smaller projects
- Scripting language such as Python or MATLAB is a plus
- Good command in English, written and spoken; German is a plus
- Enthusiastic, hands on team player who appreciates working in interdisciplinary teams

About the #EagleTeam

Screening Eagle Technologies | Proceq | Dreamlab

We are on a mission to protect the built world with software, sensors and data. We hire talented problem-solvers with bold ambition who share our passion for inspection technology to sustain mission-critical assets and infrastructure for future generations. Our culture is creative, innovative and inclusive. We are a fast-paced, product-driven, growth company headquartered in Switzerland with our Singapore and Malaga technology hub and a global mindset looking to lead a digital revolution in inspection. Want to join the #EagleTeam?

Send your application to
hr-europe@screeningeagle.com