

aquila biolabs GmbH is a German sensor technology developer of smart sensors and state-of-the-art data analytics software for bioprocessing applications. As a subsidiary of the life sciences tool provider Scientific Industries, Inc., aquila biolabs aims to take the guesswork out of bioprocessing and pioneers digitally simplified bioprocessing by providing actionable insights from lab to production floor.

We currently have a vacancy for a

Senior Embedded Developer (F/M/D)

in our Sensor Development Team.

During your work as Senior Embedded Developer at aquila biolabs, you will i.a.

- conceptualize and develop sensing, data acquisition and data processing algorithms,
- conceptualize and develop firmware for IoT sensors, including IoT communication protocols, wireless update technologies, energy saving strategies, etc.
- provide technical guidance and mentorship within our sensor development team.

Your skills should include:

- in-depth knowledge of C/C++ for embedded development on ARM Cortex M microprocessors, including ARM Cortex M microprocessor architecture, peripherals sets and registers,
- min. 5 years professional experience in development and debugging of embedded software,
- min. 5 years professional experience with at least one professional IDE for embedded development (preferentially Atmel Studio with GCC for the Atmel/Microchip ARM Cortex M microprocessors)
- the ability to work out concepts independently and to guide a team during implementation
- the ability to quickly analyze and understand electronic device schematics, datasheets and APIs
- solution-oriented thinking combined with the ability to work and learn autonomously and efficiently,
- the ability and deep interest to work and perform development interdisciplinarily.

You should hold a scientific or engineering Bachelor's or Master's degree, in the fields of electronic engineering or computer science. Extensive professional experience in the field of embedded development is a prerequisite for your application.

If you want to join a young team of highly talented and motivated people as well as to enjoy flexible working times and locations while receiving an attractive salary package, then we look forward to getting to know you personally.

Interested persons may send their full applications to **career@aquila-biolabs.de**, including CV, graduation certificates, performance records and, if available, publication abstracts as well as job or project references. A letter of application is not required.

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