

Group Leader – Life Science Analytics Group

(Job Reference Number: QSCH2017JB272)

Location: Switzerland, Zurich-Glattbrugg

Date: July 2017

Join the QualySense journey

QualySense, a young Swiss company, is reinventing the global soft commodity market by pioneering the proprietary QSorter® technology, a sophisticated high-speed single-kernel robot, which measures the compositional and physical quality of each grain and sorts it accordingly. The QSorter is the result of outstanding R&D in the field of sensing, mechatronics, biochemistry, data processing and life science along with world-known partners such as the United States Department of Agriculture, EMPA, Agroscope, and ETH. The QSorter analyzes grains at very high speed by means of Near Infrared spectroscopy and 2D/3D imaging. The company, founded in 2010, has been awarded a number of prestigious prizes. We commit to bringing excellence in nutrition, health and safety to people all over the world and we are looking for talents that can help us achieving our mission. (Video: <https://www.youtube.com/watch?v=OF8exqmm8>).

Challenge description

As the Group Leader of the Life Science Analytics Group (R&D Department) you will report directly to the Head of R&D. You will work within a cross-functional team of talented engineers and scientists to pioneer the development of analytical algorithms that will power the exciting QSorter sorting solutions and help QualySense pursue its worldwide vision of "Excellence in grain, seed and bean sorting". We need you to be part of our multi-disciplinary R&D effort and lead the creation of the next generation analysis and sorting algorithms for grains, seeds and beans on a one-by-one basis with high accuracy and at the astonishing speed provided by the QSorter platforms. With your skills, know-how and expertise, you will lead the Group in all directions, establishing and maintaining effective and high performance product development and care operations always focusing on innovation and continuous improvement with an eye on strategy and business objectives. This unique job opportunity offers you the chance to play an important role in shaping, designing, and delivering innovative products to the food and agricultural industries and be part of a multi-cultural, fun, friendly and ambitious team of talented professionals.

A market competitive salary plus bonus incentives for individual and team achievements are part of the job offer.

Main tasks

- Share your expertise in people management promoting and demonstrating an open and inclusive decision-making style, devoting time and energy to support the Group being a unique conglomerate of worldwide talents
- Work and interact within a cross-functional team to develop a lean and effective organizational structure, optimizing the use of best practices and technology in systems, processes and procedures commonly used
- Demonstrate a collaborative management fostering effective team working within the Group and with other parts of the organization, always being responsible and accountable for the Group
- Be proactive in introducing and implementing change initiatives to keep up-to-speed with the continuously evolving technology, market and business which you will also contribute in further developing and improving
- Be the best scientist, participating in every step of product development: from prototyping to robust industrialized solutions, passing through testing protocols and use-cases' studies
- Coordinate, organize and plan all the activities within the Group, including technical, organizational, cultural and most importantly team building
- Understand, analyze and challenge customer requirements together with your R&D colleagues, with the Product Managers and ultimately with the customers
- Support the Product Management in customer relationship management and marketing dissemination by providing periodical reports on current status, challenges and next steps about your projects
- Keep yourself up-to-date with latest technological developments in your field of research so that QualySense is always first in bringing new ideas to the marketplace

- Become an ambassador of the QualySense's culture understanding how we work, we interact and have fun as a team

Your climbing kit

Education:

- Graduate/Postgraduate degree in Food related sciences, Biology, Agronomy or Engineering
- 10+ years of international experience in team leadership
- Extreme proficiency in MATLAB
- In-depth knowledge of Python, C++ and LabVIEW
- Demonstrated relevant industry experience, preferably in the food and / or agricultural domain
- Documented ability to work collaboratively within cross functional teams

Technical skills:

- Firm theoretical background in life science and algorithm development is a must
- Experience in developing algorithms for embedded solutions
- Dynamic strategic thinker with extensive business sense, able to establish and develop operational strategies
- Advanced knowledge of the Microsoft Office Suite is well accepted
- Strong documentation, organization and time management skills is required

Travel:

- Up to 10%

Soft skills:

- Hands on execution and proactive attitude
- Highly dynamic and entrepreneurial mindset
- Inclination to work in a diverse and multidisciplinary team
- Excellent presentation and communication skills
- High orientation to details, with an impeccable integrity
- Super positive mood: no job is too big; no job is too small
- You enjoy grains, seed and beans and have a passion for food in general

Languages:

- Fluency in written and spoken English
- Knowledge of German is an asset

Permit:

- EU/EFTA citizens or valid Swiss working permit

How to join our team

1. Are you able to analyze problems and implement solutions?
2. Do challenges motivate you?
3. Are you a born entrepreneur?
4. Do you have passion and dedication to innovate the food world?
5. Are you a citizen of the world and enjoy being part of an international team?

If you have answered **YES** to all questions above, then you have high chances to be part of our team. Send your complete application in **PDF** format (including motivation letter, CV, copies of degrees, reference letters, and any relevant documents) or inquiries to jobs@qualysense.com mentioning the job reference number on top of this page. Application must be written in English. Incomplete applications will not be considered.



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