



Application scientist, full time position, Delft (NL)

We are a pioneering start-up enabling practical applications of spectral imaging. This is an emerging field that enables new applications such as estimating when a kiwi is ready to eat, sorting textiles based on the material or detecting foreign objects in food. We have developed perClass Mira user-interface to empower applied researchers and system integrators to create automatic interpretation solutions. Our product is highly acclaimed in the market and recognized as a benchmark of user simplicity and performance. Since July 2022 we are part of the Headwall Photonics group, a leading hyperspectral camera manufacturer. Together with Headwall, we create and deploy tightly integrated hardware/software solutions to specific industrial problems. We continue and further advance our horizontal presence in the market, helping users of all spectral camera types to quickly create robust solutions. See <https://www.perclass.com/>

THE POSITION

As application scientist you will work between applications and algorithm development. Your goal will be to understand technical problems of customers, perform feasibility studies and deliver practical results. You will address specific challenges by performing further research in machine/deep learning, chemometrics and image processing to understand the state-of-the-art algorithms and develop novel solutions. You will translate the research outcomes into Matlab/C/C++ algorithm prototypes, supporting the development team in their high-performance implementation. You will visit customers world-wide for data acquisition and collaborate closely with application specialists in Europe and US. Your work will directly contribute to deployment of industrial solutions and to further improvements of the perClass Mira platform for the users world-wide.

YOU ARE ...

- Curious, communicative and dedicated
- Able to work systematically, independently and reliably
- Master of science in computer science or equivalent
- Familiar with Matlab
- Knowledge of C/C++ language and Qt is a plus
- Familiarity with spectroscopy, spectral imaging or machine learning is a plus

WITH US YOU ...

- Are a valued member of a great team that is bringing a positive change to the world
- Learn practical machine learning skills from people who have worked in the field for 20+ years
- Work on interesting use-cases that can really impact society (plastic removal, food quality, environmental applications)
- Be in touch with the state-of-the-art technology in hyperspectral imaging and get to know all major players

INTERESTED ?

Send your CV and motivation letter to Carmen at carmen.lai@perclass.com.

