# Technical Developer (m/f)

We at 5micron are doing topographic measurements where most people do not reach. Minute disturbances up to 5 micrometer is the range we can achieve for surface measurements on a wide range of materials. Our Software algorithms are analysing image data no matter if micro or macro or camera pictures or thermographic images and can as well provide added value to existing data.

## Job Description

The 5micron team are looking for technical developer to support the creation of non-standard measurement solutions. You will be member of a team rapidly developing methods and measurement solutions, primarily in the optical measurement context. In this team we will trial new approaches, new techniques, new technologies, and will assess the capability as a product, sometimes in competition to a colleagues technical approach.

New solution approaches will be instantly realized (function model as a result of a feasibility study) to assess the methodology. The next step is then a more detailed demonstrator and beta products.

Our solutions are focussed around aerospace and automotive and have been transferred to the film industry, too.

## Qualifications

You are passionate about the interaction between optics and computer hardware as well as with image recognition programming and algorithms. You can demonstrate how these can be employed to develop innovative measurement devices. In this role, you will develop new measurement technologies based on standard physical methods as deflectometry or light section. You will experiment with optical benches and various camera chips, working with state of the art tools as MS office for documentation and will code in MatLab, C++, C# or python.

- Must have a degree or relevant demonstrable experience in Computing, Mathematics, Engineering, Physics, Biology, or other science related field.  Working knowledge is preferred.
- Ability to think out of the box, and across disciplines
- Demonstrated ability to adapt to new technologies and learn quickly
- Working knowledge of software development tools and methodologies as well as analogue and digital electronics
- Ability to work independently and in a team to research innovative solutions to challenging business/technical problems
- Skilled at project management and presentation.
- Demonstrable understanding of software development in relevant languages
- The ability to create demonstrators with limited resource and time
- Strong 'never give up' – mentality if first trial fails

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