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Career

Software 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 analyzing 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 Software 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 focused around aerospace and automotive and have been transferred to the film industry, too.

Qualifications

You are passionate about coding and eventually already experienced with image recognition programming and algorithms. You want to interact with the team specialized in optics developing innovative measurement devices, running processes on CPU'S or GPU's. In this role, you will experiment with the team and may program Raspberry Pi's or Arduinos as well. Coding in MatLab, C++, C# or python as well working with state of the art tools as MS office for documentation is what you are best in.

- 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
- Demonstrable skills in software development in relevant languages such as MatLab, C++, C# or python
- Demonstrated ability to adapt to new technologies and learn quickly
- Working knowledge of analogue and digital electronics
- Ability to work independently and in a team to research innovative solutions to challenging business/technical problems
- The ability to create demonstrators with limited resource and time
- Strong 'never give up' – mentality if first trial fails

For more information please contact Ute Franke, ute.franke@5micron.de