

Working Student – internship / part time / master thesis (m/f)

Do you want to gain practical experience and be part of a small powerful development team in the heart of the technology hub in Berlin-Adlershof? We offer students from various disciplines and subjects an ideal surrounding to apply their talents and skills and find out where they are best in.

5micron GmbH is a young company in the optical measurements branch. In the last 3 years we have successfully developed and implemented amazing meaningful measurement devices mainly in the aerospace industry as for Airbus or Rolls-Royce. The nature of our projects is image analysis. We deliver topographic or other data about surfaces e.g. of aircraft wings during flight.

Why do we need you?

The 5micron team are looking for students to support the creation of non-standard measurement solutions. Either if you just want to work part time or are looking for a bachelor or master thesis – we are proud on our measurement solutions and ideas and would like to share and discuss them with you in a team to reach even further with our technology.

To do this, we believe you should have:

You will be member of a team rapidly developing methods and measurement solutions, primarily in the optical measurement context. In this team we will tackle 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 have been transferred to other areas as the film industry, too.

You like technical challenges and have ideas how to solve them in a team. You are interested in transferring your ideas into code, running processes on CPU'S or GPU'S or experimenting with Raspberry Pi's or Arduinos. You are not shy if it comes to analogue or digital electronics to assemble a function model to test if the idea will work. Ideally you are already experienced with image recognition programming and algorithms. Our tool kit is MatLab, C++, C# or python. You are good in documentation with state of the art tools as MS office word or excel.

What's in it for you?

Working in a young company with no classical management hierarchies, multi oriented and talented colleagues (as communication engineer, bio-cybernaticist or physicist,..) is a unique opportunity to find out in which field you are best in. We have flexible working hours and a good atmosphere in a small team. If you find this interesting get in contact with us.

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