



Make every detail count

SOPAT develops and sells a photo-optical and image-based analysis measurement technology that quantitatively characterizes particulate multi-phase systems. In combination with our hardware, the innovative SOPAT software provides real time analysis of particle size distribution and characteristics.

Starting on August, 1st, we are looking for a

C#-Developer in the field of signal-/ image processing (m/f/d) fulltime, Berlin.

Your task

Join our team of technology enthusiasts. Our core competence is the visualization and recognition of particulate systems in real time. Your future range of tasks is broad and therefore offers a lot of variety:

- Realization, further development and co-design of the analysis software of photo-optical measurement signal (signal/image processing; statistics; data analysis) based on C#.
- Design and development of 2D image processing systems, esp. the implementation and series maintenance of traditional computer vision algorithms as well as the deployment of deep learning approaches.
- Implementation of communication interfaces between concurrent processes (master-slave dependency).

Your profile

- You have completed an advanced education or university degree in computer science, computer engineering, electrical engineering and signal processing.
- Basic programming experience in .NET Framework as well as basic knowledge in WPF complements your skillset.
- Skills in MATLAB and extensive programming knowledge in C# you can confidently apply.
- Relevant knowledge in signal theory (Laplace transform, DFT), especially about convolution of 2D signals is essential to fulfill the task.

Our Offer

We offer an interesting job with a focus on individual development and taking on your own projects. Thereby we rely on

- Long-term cooperation with a permanent employment contract.
- Hybrid working models (60/40).
- Regular participation in professional congresses and other further training measures.
- Balanced life-work integration with flexible distribution of working hours.
- Support for occupational retirement pension.
- High level of participation in decision making processes.
- Informal corporate culture.
- Great team spirit in hosting regular team events including a company outing in the summer and a Christmas party.

Mathematics and its application are your passion? Are you looking for a new, exciting challenge in the fields of signal processing and image recognition? Then we are looking forward to receive your application, stating your salary requirements and earliest starting date, at karriere@sopat.de!