



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 as soon as possible, we are looking for a

C#-Developer (m/f/d) full-time.

Your tasks

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).
- Analysis of technical requirements and development of implementation concepts.
- Ensuring the quality standard by suitable concepts, their implementation as well as tests and documentations of the software considering valid national and international standards.
- Model-based architecture development, making design decisions and specifying the technologies to be used.
- Design, development and series maintenance of 2D and 3D image processing systems.
- Implementation of communication interfaces between concurrent processes (master-slave dependency).

Your profile

- You have a university degree or advanced training in the field of computer science, technical computer science, electrical engineering, signal processing, or similar.
- You have basic programming experience in .NET Framework and basic knowledge of WPF.
- You have profound programming skills in C#.
- You have relevant knowledge of signal theory, especially convolution of 2D signals.
- You ideally have experience in implementing communication interfaces of concurrent processes (master-slave dependency) as well as MS Visual Studio.
- You are confident in using model-based and agile development methods, the V-model and Scrum as well as Jenkins CI/CD.

Our offer

We offer an interesting job located in the center of Berlin with the possibility for individual development.

Therefore, we make sure:

- To offer open-ended employment contract with flexible working hours.
- To encourage individual continuing education and participation in conferences.
- To support occupational retirement pension.
- To provide vitamins for the team.
- To host diverse team events including an office trip in the summer and a x-mas party.

Mathematics and its application are your passion? Are you looking for a new, exciting challenge in the areas of signal processing or image recognition software? We look forward to receiving your application, including your salary expectations and earliest starting date, at karriere@sopat.de!