Heidelberg, Februar 2019

CEOS
Corrected Electron Optical
Systems GmbH

We offer a permanent positions as

Python Developer (m/f)

for software related to electron microscopy

Help to better understand materials and physical and chemical processes at the atomic level. Our high-resolution electron-optical components provide an important contribution to this in many fields of recent research in materials sciences, physics and structural biology.

What you would do:

Within a team of software developers, physicists and engineers you work on design, implementation and test of our system software for data acquisition, image analysis and instrument control.

What we expect:

- advanced knowledge in *Python* software development,
- experience with the *Qt Library* for the implementation of *user interfaces,*
- no worries about *concurrent programming* (*multi-processing*, *multi-threading*),
- knowledge of *numpy* and related packages for numerical calculation,
- experience with Linux / Windows *cross-platform development*,
- some experience in *C/C++* including *OpenMP* would be beneficial,
- hands-on experience with analytical electron microscopy (TEM, EFTEM, EELS) would a great advantage of course.

Would this fit for you?

If you like mathematical reasoning and science and technology in general, we can offer interesting and challenging work. Practical experience with electron microscopy or other optical instruments is not necessary. This you can learn with us. We explicitly encourage applications from scientists who have fun with programming. At least a basic command of the German and good knowledge of the English language is necessary.

We offer an attractive position, which allows for motivating insights into the world of modern science. We provide good social und financial conditions. We are a family-friendly work place and a good personal relationship among colleagues is important for us. Job sharing is possible.

If you consider to join us or first would like to ask some questions, please contact us in an informal manner or send your complete application in PDF format.

Contact:

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