Profile Software Developer

Company profile

LioniX International is a leading global provider of customized microsystem solutions, in particular integrated photonics-based, in scalable production volumes. We provide customized solutions for OEM's and system Integrators, by vertical integration, from design to fully assembled modules. We continuously maintain our technology leadership secured in a strong IP position. Currently LioniX International employs nearly 50 highly educated people, and its management has multiple decades of combined experience in micro/nano system technology.

Further information on our website www.LioniX-International.com

Job description

In the role of software developer at Lionix International, you will be responsible for a wide range of software projects. These range from development and deployment of front-end and back-end database applications for internal use, desktop applications for interaction with electronics and measurement equipment and creating data processing and analysis tools for our optical chip measurements and production. Ideally you would have some experience programming microcontrollers or electronic development boards such as the Arduino or Raspberry Pi, but this is not a strict requirement.

Professional requirements:

- MSc. degree in Computer Science, Electrical Engineering, Physics or comparable field of study.
- Experience with one or more general purpose programming languages, preferably Python and C++. Experience with the Django framework and SQL is highly desirable.
- Strong understanding of object-oriented programming.
- Affinity with Linux web server configuration.
- Able to coordinate with project leaders and/or customers to obtain the specifications for the software.
- Must be an organized, detail-oriented self-starter. Able to work independently as well as partner with other designers in a team environment with the ability to multi-task and self-prioritize tasks.
- Ability to work in a dynamic environment and tolerant of ambiguity.
- Capable of and willing to share knowledge and help others in terms of time and ideas. Contribute to a positive team environment through developing and proliferating best known methods.
- Secure and critical in the self-review of designs and able to identify and formulate future improvements.

Languages

- Good English verbal and written communication skills
- Dutch or willing to learn to speak Dutch

Contact

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