

Reliable Radiation Detection. Our Expertise – Your Security

Arktis Radiation Detectors develops and manufactures next-generation systems that detect and identify radioactive and nuclear materials to enhance security and operations. Using Arktis' advanced radiation detection technologies, we create solutions that deliver step-change improvements in capabilities for a wide variety of applications used by customers and governments across the world.

Software Engineer (100%)

YOUR ROLE

This is a great opportunity to join a young and fast-growing company in Zurich and work on one of the important security challenges globally. Over the past years, Arktis has developed next-generation systems that detect and identify radioactive and nuclear materials.

You will play a critical role in a fast paced and dynamic software development environment and provide quality solutions as part of the Arktis' detection systems. This includes participation in all phases of design, development, and implementation as well as the support of existing modules.

The position is based at the Arktis headquarters in Zurich and may involve international travel.

YOUR RESPONSIBILITIES

- Develop software on Linux for data acquisition, analysis and visualization
- Problem analysis in the domain of ionizing radiation
- Take ownership of modules and development tools
- Participate in peer reviews
- Write unit- and system-tests

PROFILE

- Education in Computer Science, Electrical Engineering, Applied Physics or similar
- Professional experience from a similar role of at least 3 years
- Communicative with great interpersonal skills

REQUIRED SKILLS

- Profound knowledge of C++-11 and Python3
- Strong Linux system programming experience
- Version control in general and Git in particular
- Fluent in English (oral and written)
- A strong will to learn and to share acquired knowledge
- Pragmatic, upbeat and can-do attitude
- Swiss national or valid working permit (B or C)

DESIRABLE SKILLS

- Data analysis and SW development for radiation detection systems
- Concurrent- and parallel-programming
- Embedded programming (FreeRTOS)
- IP networking and socket programming
- Modern Web technologies, e.g. WebSockets and HTML 5
- Appreciative of the principle of KISS

OUR OFFER

We offer an exciting position in a small and dynamic team. You'll have large decision-making authority and quickly take on responsibilities. At Arktis, we know that our employees are our best assets and we invest accordingly in their ability to acquire new skills and know-how.

APPLICATION

Are you a pragmatic quick-learner who fosters teamwork? Then we are looking forward to receiving your application including cover letter, CV and work certificates. Applications will be treated with confidentiality. Please send your application to jobs@arktis-detectors.com.