

R&D – Senior R&D Security Software Engineer

Location: France, Vélizy

Type of contract: Full-time permanent position

Department : R&D

Job Description

The candidate will join our R&D department in Velizy, near Paris, playing a key role in the definition and development of Software for Networking equipments destined to address this growing demand, especially in environments where security is a strong requirements. These equipments will be based on physical platforms as well as virtualized functions (NFV).

Job Content

The R&D Software Engineer will have as main tasks and responsibilities:

- Participate in the architecture specification, software design and implementation of new products or enhancements of existing products in order to meet strong security objectives.
- Help maintain and enhance the level of security awareness (not only technical) and increase the quality of our products: helping to define development guidelines and processes, suggesting novel testing approaches etc
- Create and maintain technical documentation to enrich the team's collective know-how

Profile and skills

Motivated software engineer, with proven security expertise, you can demonstrate the following:

- Software development experience: C/Linux + 1 scripting language (Python preferred)
- Knowledge of developing for the following Operating systems & platforms: Linux, VXWorks, cloud-native...
- Demonstrable experience of developing System & Software in security oriented environment, and possibly according to standards such as DO178A, MIL-STD-498, ISO/IEC 12270 & ISO25000
- Networking architecture: good knowledge in protocols, IP stack, routing and how to secure them.
- Knowledge of virtualization or data path acceleration technologies is not necessarily expected but would be a plus, eg:
 - Virtualization : As a user or developer, hypervisors (KVM/QEMU, VMware)...
 - DPDK, DPAA, ... : Processor solutions for data path acceleration
- Open-source minded, experience of some linux distribution(s)
- Good written and verbal communication skills in both French and English
- Autonomous, rigorous, and delivery-oriented with a commitment to quality



and a thorough approach to the work

- Proven ability to work well within a team
- Potential and willingness for personal development and improvement

Proactive and organized, you are able to work in an international environment with cross-functional teams. While attractive compensations will take care of your everyday life, we believe you will be delighted by the atmosphere, the energy, the team-spirit, and the fun to work on products that will shape our future.