

R&D – Embedded SW Engineer

Location : Vélizy-Villacoublay - FRANCE

Contract type : Permanent, full time

Department : R&D

Purpose of the job

Within the R&D department, the embedded software engineer will play a key role in the creation of software for our physical and virtual router solutions. You will work in the system & drivers team where you will be responsible to develop and integrate proprietary and third party driver technologies into a comprehensive and cost-efficient design.

Duties and responsibilities

As an embedded SW engineer, you have to be an all-rounder and will be involved in:

- Software development & testing for embedded physical and virtualized devices
- Development & implementation of Linux device drivers
- Design or implementation of software architecture, systems and building blocks
- Working in a close-knit project team to develop, debug and optimise designs
- Documenting your software designs

Skills and profile

Master Degree in Engineering or Software, you have 2 to 5 years' experience in a similar position and you can demonstrate the following:

- Expert in C programming
- Strong experience with Linux/Kernel development and debugging
- Strong experience with software development for multicore environments
- Good experience with DPDK and virtualization on ARM and Intel technologies.
- Understanding and working with relevant communication system standards
- A strong interest & affinity with embedded software (firmware) & software architecture
- Knowledge of the following tools is a big asset: Jira, Jenkins, unit-test frameworks, Mercurial, Git, Phabricator ...
- Fluent in French and English



At personal level, you will demonstrate:

- Ability to work in an international environment with cross-functional teams
- Ability to continuously looking for improvement and you make proposals and alerts
- Good communication skills
- Autonomous and self-learning
- Very good team spirit