



SEQUANS

World leader in LTE for IoT Chip Solutions

Software Core Engineer
Colombes (92) or Sophia Antipolis (06)

Sequans Communications S.A. (NYSE: SQNS) is a leading provider of single-mode 4G LTE semiconductor solutions for the Internet of Things (IoT) and a wide range of broadband data devices.

Founded in 2003, Sequans has developed and delivered seven generations of 4G technology and its chips are certified and shipping in 4G networks around the world. Today, Sequans offers two LTE product lines: StreamrichLTE™, optimized for broadband devices, including CPE, mobile and portable routers, and high-performance IoT devices; and StreamliteLTE™, optimized for lower data rate and narrowband IoT devices, including wearables, trackers, and sensors. Sequans is based in Paris, France with additional offices in Sophia Antipolis, France; and in the United States, United Kingdom, Israel, Hong Kong, Singapore, Sweden, Taiwan, South Korea, and China.

At Sequans, we know that our success depends on our people, so we are always on the lookout for innovators, leaders, and visionaries. Our team is driven by a shared desire to lead in the IoT/5G industry.

We are looking for highly motivated team players with ideally records of achievement in wireless technologies to help us maintain and develop our leadership in the IoT/5G industry.

Within the **Software team**, you will be in charge of Modem platform developments and maintenance. You will be in charge of supporting integration team for nb-iot conformance tests. You will be fixing issues related to all our projects (LTE projects) : nb-IoT, Cat1-4, carrier aggregation, CatM, 5G and you will be developing some enhancements/features.

Responsibilities:

- Design SW features and defines SW specifications through documentation
- Development of software functions (protocol stack, L3, L2, L1 layers)
- Maintain and follow up SW features
- Software Integration

Required experience and knowledge:

- Solid C/C++ programming
- Python script
- Very good knowledge of real-time operating systems and/or multithreaded applications with hard real-time constraints (Kernel knowledge, RF or driver experience)
- Experience in protocol features for 2G/3G/LTE is a plus
- Experience in L1 control algorithm is a plus
- Knowledge of signal processing tools and techniques is a plus

Profile:

- Fast learning capabilities, highly motivated, self-starter, autonomous
- Interested in challenges of new technologies and novel algorithms
- Ability to work in a fast moving and multicultural environment
- Team player, commitment & customer focus
- Excellent written and oral communications skills, fluent English

Please send your resume to sophie@sequans.com and cdeazevedo@sequans.com. We thank all candidates for their interest in Sequans and will contact those who for whom we have a potential role.



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