



# Software Development Engineer

Amarisoft is a highly technical and fully independent company. Funded in 2012, Amarisoft develops a full software stack for LTE wireless communication (eNodeB, EPC and UE simulator) that is used by more than 200 customers over the world in many markets (R&D, research, PMR, Telco, UE vendors...).

Our technology is based on high level of performance and optimization, which allows us to prove what was considered impossible in Telecom industry: Delivering state-of-the-art LTE software stack including eNodeB, EPC and UE running live on x86 CPU (ASIC-less and DSP-less). We are delighted to bring some affordable tools and software to the 4G mobile community to unleash creativity and at the end expand communications among people. Accessible technology is the basement of possible success story. We at Amarisoft are working on helping all companies and individuals to be a player in mobile networks of now and future generation.

To enforce our team, we are looking for a highly talented engineer who will participate in the development of 3GPP LTE features, improve architecture and troubleshoot issues reported from the field. You will interact with outstanding and world-wide well-known developers to produce a highly optimized and efficient code. You will also work with our research team to implement and test innovative algorithms. Scope of development could be wide: from protocol stack to signal processing or real time optimization.

With highly competitive salaries, Amarisoft is widely considered as a disruptive company in Telecom industry. If you're a creative and autonomous engineer with a genuine passion for technology, we want to hear from you.

## Key responsibilities:

- Implement 3GPP features, test and support the code.
- Follow-up of 3GPP specifications.
- Participate to software architecture.
- Constantly optimize and improve code.

## Key requirements:

- A good degree from a leading university in an engineering or computer science related discipline.
- Knowledge of wireless technology (2G, 3G, 4G).
- Strong C development experience.
- Knowledge of embedded environment.
- Experience in a Telecom vendor company (Small cell or base station vendor).
- Expertise in several domains of radio communication (Interference, resource allocation, power control...).
- Experience in LTE MAC scheduling in a Telecom vendor company is highly appreciated.
- Rigorous and efficient.
- Proven skill in an open source project is a plus.
- Good mathematical skills is a plus.

**Location:** Paris, France

To apply, please contact [hr@amarisoft.com](mailto:hr@amarisoft.com)