



Research 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 research scientist/engineer who will lead specification, modelization and simulation of complex algorithms in signal processing, resource allocation, interference management and power control topics in LTE technology. You will work with development team for feasibility study, implementation and optimization of our algorithms and will participate on field test result analysis.

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:

- In charge of algorithm modelization and simulation in LTE.
- Improve stack, physical layer and MAC scheduler performances using metrics, simulation and field test result analysis.
- Study and follow-up of state of the art scientific articles.
- Remain current with the technological advances in mobile and wireless systems.

Key requirements:

- A good degree from a leading university in an engineering or computer science related discipline. PhD preferred.
- In depth knowledge of 3GPP standard for LTE.
- Research background related to mobile and wireless systems with proven results on at least one of the following topics: signal processing, radio resource allocation, interference management.
- Experience in a wireless technology company.
- Good analytical skills with expertise in mathematics and modelization.
- Logical approach to problem solving, ability to understand, create and optimize algorithms.
- Creative, autonomous and able to work with a minimum of supervision.
- C coding skills is a plus.
- experience in patents writing is a plus.

Location: Paris, France

To apply, please contact hr@amarisoft.com