

Open Senior Software Engineer Position

Location: INRIA Sophia Antipolis (French Riviera): <http://www-sop.inria.fr/>
Planète project-team: <http://planete.inria.fr>

Duration: 1 year (+1-year renewable)

Salary: 2000-2500 euros net monthly (according to expertise)

Context:

INRIA, the French national institute for research in computer science and control, is dedicated to fundamental and applied research in information and communication science and technology (ICST). INRIA has a workforce of 3,800 people working throughout its eight research centres established in seven regions of France. The Sophia Antipolis – Méditerranée Research Centre comprises about 500 people shared out among about 30 research teams as well as several administration and technical departments.

The Planète project-team conducts research in the domain of networking, with an emphasis on designing, implementing, and evaluating Internet protocols and applications. The main objective of the project-team is to propose and study innovative architectures, services and protocols that will enable efficient and secure communication through the Internet. Planète is strongly involved in the development of the well known ns-3 open source network simulator (<http://www.nsnam.org>).

Summary:

The engineer will contribute to the development of the open-source ns-3 network simulator. She/he will develop, test, and put into production a part of or all of a new online tool to manage ns-3 simulation models. This tool will need to allow both users and developers to download, compile, and use all the ns-3 public simulation modules. Furthermore, she/he will help to manage the release process of ns-3. This includes, among others, managing the ns-3 bug tracker, performing timely code reviews of newly proposed simulation modules before merging into the main distribution, and debugging and bug fixing in existing modules.

Candidate skills:

- Experience with C, C++, Python programming and associated tools (gcc, gdb, mercurial, bugzilla, etc.);
- Experience and skills in project management appreciated;
- Previous experience with the development of Open Source software and/or contributions to the development communities of these projects would be a plus.
- To master technical and scientific English.

Contact:

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