Internship opportunity in France, French Riviera

The European Telecommunications Standards Institute (ETSI) is a non-profit organisation that produces globally-applicable standards for Information and Communications Technologies (ICT). ETSI is officially recognised by the European Union as a European Standards Organisation.

The ETSI Centre for Testing and Interoperability (CTI) is a department in our Operations division (OPS) supporting the standardization of many different technologies such as:

- Network Functions Virtualisation (NFV),
- Multi-Access Edge Computing (MEC),
- Machine-to-Machine communication (M2M) and Internet of Things (IoT),
- Intelligent Transport Systems (ITS), …

CTI activities include:

- organising and running Interoperability Testing Events (Plugtests) and developer events (hackfests, hackathons, …),
- hosting and supporting Open Source development projects and communities,
- coordinating Proofs of Concept frameworks and demos,
- managing the development of test methodologies and specifications (e.g., for 3GPP LTE).
- assisting ETSI Technical Committees in the application of best practices in protocol specification, testing and validation activities.

We offer an internship opportunity for a student in an engineering school to work in an international environment with system designers, software architects and code developers to support and improve the tools used in ongoing development and testing projects and events.

Intern profile:

- Good written and spoken English (French and other languages are a plus)
- Able to work autonomously and accurately in a diverse international environment
- Experience with software design and development languages and tools: Python, OpenAPIs, Yaml, Swagger ...
- Experience with test frameworks: Robot. Cucumber, Postman, Dredd, …
- Experience with Linux and open source development platforms and tools: Git, Gerrit, Jenkins, Bugzilla, ..
- OpenStack knowledge would be a plus

The duration of the internship can be from 2 to 6 months and can start at the student's earliest convenience.

Interns receive an allowance per month and have the possibility to purchase lunch vouchers.

CV and a cover letter are to be sent to candidatures@etsi.org with subject: "Internship CTI - candidate name".