

# 2019-10 - Software Engineer (Python)

CLOSED	Deadline: 31 Oct 2019
Contact: <a href="mailto:aloga@ifca.unican.es">aloga@ifca.unican.es</a>	

Our group is part of a joint research center between the [Spanish National Research Council](#) (CSIC) and the [University of Cantabria](#) (UC), offering "enhanced" Science (or e-Science) to the researchers, where they can interact through the network, sharing computing resources to support their larger needs for simulation, data storage and transfer, analysis, and collaborative work. Among other things we build and maintain software and cloud infrastructures for scientific computing and research.

**We are looking for a software engineer with Python experience to join our group with a 1 + 1 year contract.** This is an excellent opportunity available for a motivated and experienced Software Developer, as you will be able to **participate in the launch of the European Open Science Cloud (EOSC) in Spain**, building and maintaining the software (integration modules, submission systems, web portals, etc.) that will be used in production-grade infrastructures in the context of the EGI Federated Cloud and the EOSC. The selected candidate will have the opportunity to interact with distributed infrastructures and execute programming tasks on systems of moderate size. You will be expected to contribute to all phases of a collaborative project, including programming, analysing, designing, developing, implementing, modifying, and maintaining computer programs. You will participate in the launch of the European Open Science Cloud in Spain.

## Required qualifications:

- Master's Degree in Computer Science, Informatics, Engineering or a related field.
- Proven experience with application level **Python** programming.
- Substantial experience with server-side technologies including relational databases (MySQL) and RESTful services.
- Experience with configuration management tools (Ansible or Puppet).
- Experience with source code version control systems (git).
- Fluent verbal and written English communication skills.

## Desired expertise:

- Familiarity with GNU/Linux systems.
- Experience with distributed computing frameworks and infrastructures.
- Knowledge and experience with OpenStack cloud middleware.
- Interest on Agile methodologies to software development, passionate about DevOps culture.

The contract will be full-time based in Santander (Cantabria, Spain) with a duration of 1 + 1 years and an annual gross salary of 34,231€. Specific conditions will be discussed depending on the background and experience of the candidate.

If you are interested, please send an email including your CV to the contact address listed above ([aloga@ifca.unican.es](mailto:aloga@ifca.unican.es)).