

## **PhD position available**

One PhD position is available at the Computer Architecture Group (GAC), in the University of A Coruña (Spain), within the fields of bioinformatics and cloud computing. The project in which the applicant will be integrated aims to solve challenging problems on global optimization in computational biology and bioinformatics through the proposal of new parallel metaheuristics and their implementation for cloud environments.

### **OFFER**

The candidate will be provided with a one-year contract, extendable (based on the progress of the candidate) up to 3 years offering the chance to obtain a PhD qualification. This contract includes full social security coverage and a net salary competitive for living standards in a city as A Coruña (on the range 22000€-25000€).

The well-trained HPC scientists emerging from GAC are in great demand in universities, research institutions, as well as in software companies. Through their excellent interdisciplinary training our graduates are in a prime position to take up leadership roles in both academia and industry.

### **BASIC QUALIFICATIONS**

The required profile is that of a degree in computer engineer or computer science with good academic records, although other profiles with adequate training on the field of the project, such as mathematics or physics, would be also considered.

### **PREFERRED SKILLS**

We are looking for a candidate with good programming skills, especially (although not limited to) Scala and/or Java. Knowledge of functional programming will be also valued. Previous experience/knowledge of distributed frameworks (such as Hadoop, Spark, etc.) and parallel libraries (such as MPI, OpenMP, OpenCL, etc.), though not required, will be also welcome. A good command of English (written and spoken) is required.

### **POSITION AVAILABLE**

The selection procedure is open now and will be maintained opened until the position is covered. The starting date is flexible, but preferred ASAP.

### **INFORMATION**

If you are interested in this position and want to have more details about it, please contact Patricia González ([patricia.gonzalez@udc.es](mailto:patricia.gonzalez@udc.es)) including the reference *PhD\_call*. For the formal application, the following documents will be required:

- CV
- Academic transcript of courses followed and grades obtained
- Brief letter describing your motivation and previous experience