

JOB VACANCY

REF: I02

SOFTWARE ENGINEER

We're looking for college (preferential option), or university graduates with significant experience in design and development of distributed software, and methodologies that ensure the quality of the developed software and the use of appropriate engineering tools (CASE Solutions), that will work in a research line of new-generation industrial systems, and associated services.

Qualifications:

- B. Sc. In computer engineering (preference option)
- Other university graduates with experience in the discipline described

Minimum Experience required:

- Wide experience in Software Design and Development processes, and in the methodologies and use of relational CASE tools, in all phases of the software development like cycle.
(Senior: 4 years)
- Experience in the Design of Application and Distributed Services (Architectures oriented to the service, SoA), that integrate communication and sensor services and mobility solutions (PDAs, last generation mobile phones...), using different "middleware" options.
(Senior: 4 years; Junior: 1 year)
- Experience in Software development: Programming languages (C/C++, C#, Java, Visual Basic...), "middleware" J2EE/J2ME platforms, NET Framework...
(Senior: 3 years; Junior: 1 year)
- Wide experience in the implementation of methodologies that ensure the quality of the software and its development (type... CMMI)
(Senior: 2 years)

Additional Experience Required:

- Participation in research projects with public funding, in a European level (Framework Programme - European Commission) and also in a national and in a Basque Government level.
- Knowledge of the public funding tools of research projects and their potential application in each case, both at a European, national or Basque Government.
- Experience in elaboration of proposals for research projects and justifications for such projects, for different tools mentioned above.

Desired knowledge:

- Experience in the development and integration of Artificial Intelligence techniques for intelligent systems generation: KBS, CBR, Neuronal nets, Datamining.
- Experience in the integration of communication systems and specific sensors.
- Knowledge and experience in generation Advanced User Interfaces (Graphics, Voice...), and tools / techniques.
- Experience in distributed computation and distributed sensory nets (Development oriented to components, Web services, BBDD distributed)

Languages:

- Fluent English, spoken and written.