



Javier Sevilla Ballesteros

Computer Engineer

about

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javiersevball

Ciudad Real, Spain

languages

English [B1 / UCLM]
Spanish [mother tongue]

higher education

Sep 2012 **BSc in Computer Engineering** University of Castilla-La Mancha
Feb 2017 *Euro-Inf Quality Label*

Bachelor's Degree Final Project "**Development tool of dynamically reconfigurable applications in FPGAs**", available on <http://hdl.handle.net/10578/12273>.

Obtained this final project "with honors" (the highest mark possible).

work experience

Feb 2018 **TECNOBIT (GRUPO OESÍA)** Valdepeñas, Ciudad Real
Now **Junior Software Engineer**

Test engineering - Optronics

- Design, implementation and integration of SW components for Automatic Test Equipments (ATE).
- Implementation and integration of automatic test sequences for the verification and qualification of optronic systems.
- Development and maintenance of applications for the manual control of systems.
- Continuous integration of SW components.

Mar 2017 **TECNOBIT (GRUPO OESÍA)** Valdepeñas, Ciudad Real
Jan 2018 **Trainee - Software Engineer**

"Escuela Oesía" program. Tasks performed:

- C++, C# development.
- GUI test development and automation using the TestComplete platform.
- Unit test development using the MSTest framework.
- Continuous integration of SW components using Jenkins.

technical skills

Programming C#, C/C++, Java, Python

GUI .NET, Qt

Scripting Shell script (GNU/Linux), PowerShell (Windows), Make, TCL

Testing MSTest, TestComplete (GUI testing)

Hardware Xilinx Vivado, VHDL

Modeling UML

VCS	SVN, Mercurial, Git
DB	SQL
Others	MPI, Trac, Jenkins, Android development, \LaTeX

additional courses

SW design fundamentals. 4+1 Views.

Oesía internal training

Principles, laws and others that form the basis for a correct object-oriented analysis and design:

- DRY, YAGNI, KISS, SOLID, GRASP, ...
- Law of Continuing Change, Law of Least Astonishment, ...
- Double dispatch mechanism, Design by contract, ...
- *Code smell* detection techniques to recognise potential software errors.

Professor: Luis Fernández Muñoz. Duration: 25 hours.