

SALVA PEIRÓ FRASQUET

C **Current:** Software Development Engineer at [UPV](#).
K **Keywords:** Virtualization, Programming, Linux, Kernel, Security, x86, SPARCv8, ARM
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* This is an abridged resume version, contact me for a detailed resume.

PROFILE

I work on embedded devices virtualization and security, my main roles are software development engineering, validation and research. I have background and experience on embedded OS development at [UPV](#). Previously, I studied a grade in Computer Science at the [UPV](#), followed by a master degree on Industrial Computing and Control Systems.

EDUCATION

- 2016 | *Ph.D in Computer Science* topic: Hypervisor validation
Universidad Politécnica de Valencia.
- 2010 | *Master Degree, Computer Science, topic: Industrial Computing and Control Systems.*
Universidad Politécnica de Valencia.
Final-year Project: “Porting of the PaRTiKLe RTOS to LPC2136 NXP”
- 2006 | *Degree in Computer Science, topic: Software Engineering.*
Universidad Politécnica de Valencia.
Final-year Project: “Construction of Real Time applications with strict RT and non-RT requirements”
- 2003 | *Technical Engineering in Computer Science*
Universidad Politécnica de Valencia.

SKILLS

GNU/LINUX SYSTEMS	Make, Gcc, Ld, Gdb, Binutils, Lex, Bison.
WINDOWS SYSTEMS	Eclipse and the MinGW development environment.
PROGRAMMING	C, Assembly, Python, Perl, Matlab/Octave, Java, Bash.
DOCUMENTATION	LaTeX, TeX, Doxygen, DocBook, SGML.
GNU/LINUX EXPERIENCE	Debian, Red Hat, Gentoo and variants.
SYSTEM ADMINISTRATION	Apache, Lighttpd, OpenSSH, IPTables.
DATA BASES	MySQL, PostgreSQL.
WEB DEVELOPMENT	JSP, JavaScript/JQuery, JSON, CGI, X/HTML, XML, CSS.
REVISION CONTROL	Git, Subversion, Mercurial

LANGUAGES

ENGLISH	Certificate: Official School of Languages: <i>Advanced Level (ADVANCED-EOI)</i> ., 2010 Certificate: Official School of Languages: <i>Intermediate Level (INTERMEDIATE-EOI)</i> ., 2009 Certificate: Cambridge ESOL: <i>First Certificate in English (FCE)</i> ., 2008
CATALAN	Certificate: Junta Qualificadora de Coneixements de Valencià: <i>Intermediate Level</i> , 2000.
SPANISH	Native Proficiency.

REFERENCES

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- [2] M. Masmano, I. Ripoll, A. Crespo, and S. Peiro. XtratuM for LEON3: an OpenSource Hypervisor for High-Integrity Systems . In *Embedded Real Time Software and Systems ERTS2010*. Toulouse, France, May 2010.
- [3] Manuel Muñoz, J. Francisco Blanes, Miguel Albero, Javier O. Coronel, José E. Simó, Alfons Crespo, and S. Peiró. Real Time control of 20 DoF humanoid robot. In *30th IFAC Workshop on Real-Time Programming (WRTP'09)*, 2009.
- [4] S. Peiro, M. Masmano, I. Ripoll, and A. Crespo. PaRTiKLe OS, a replacement for the core of RTLinux-GPL. In *9th Real-Time Linux Workshop*, 2007.
- [5] S. Peiró. Inferno DS, port of Inferno to the Nintendo DS. In *3rd International Workshop on Plan 9*, 2008. <http://inferno-ds.googlecode.com/svn-history/r169/trunk/doc/infds.pdf>.
- [6] S. Peiró, M. Muñoz, M. Masmano, and A. Crespo. Detecting Stack based kernel Information leaks . In *International Joint Conference SOCO'14-CISIS'14-ICEUTE'14*, volume 299 of *Advances in Intelligent Systems and Computing*, pages 321–331. Springer International Publishing, 2014.