

# Pecos Martínez, Daniel

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## EDUCATION AND TRAINING

2010	<b>W3C Mobile Web Best Practices</b> course
2009	<b>Applied Computer Security: Attack and Defense</b> course (Jaume I University)
2007	<b>Sun Java Certification</b> (CX-310-055)
2004 - 2009	<b>Several courses for internal training</b> in Tecnom-Getronics: Development of applications for mobile devices, Web development with PHP and MySQL, Project direction and management.
2003 – 2004	<b>Two fellowships offered by the Jaume I University</b> with the purpose of creating a virtual world, used as a tool in the teaching of the Computer Graphics course.
1999 – 2004	<b>Computer Engineer</b> in the Jaume I University of Castellon.
1997 - 1999	<b>Upper - Intermediate English Course</b> in the Official Language School of Castellon.

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## TECHNICAL

Programming languages:	<b>Java, PHP, Python, C, C++, C#, Shell Scripting</b>
Architectural Frameworks:	J2EE / JEE (Servlets, JSP, EJB, JMS), J2ME, Spring, Struts
Application Frameworks:	DWR, Swing, Junit, jMockit, jWebUnit, Selenium, POI, jfreeChart, Apache Commons, DWR
Web Technologies:	<b>JSP, HTML5 + CSS3 + JavaScript, YUI, jQuery</b>
Database Technologies:	<b>Hibernate, MySQL, Oracle, PostgreSQL, SQL Server</b>
Tools:	Eclipse, Ant, SVN, CVS
Server Technologies:	Weblogic, Sun Application Server / Glassfish, Websphere, Tomcat, Jboss, Apache
Methodologies:	eXtreme Programming (XP), Test Driven development (TDD)

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## SUMMARY

- 8 years of professional experience, 6 of them within Java technologies.
- Wide knowledge of computer technologies. Web technology expert. Sun Java certified (Java 5)
- Outstanding interpersonal, motivational and presentation skills. Ability of Multi-tasking.
- Improved efficiency, productivity and profitability through automation and process improvement.
- Ability to talk to all levels of staff including the senior management team.
- Proven ability to successfully manage large and complex IT programs. Excellent planning, organizational and problem-solving skills.
- Passion for software development (as a job and as a hobby), technology and science.

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## WORK EXPERIENCE

<b>Analyst - Java</b>	<i>Getronics - Tecnom</i>	2004	Present
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Key technologies: Core Java, J2EE, EJB, JMS, Servlets, JSP, Struts, Spring, Hibernate, JDBC, XML, XSLT, HTML + CSS + JavaScript, AJAX, MySQL, Oracle, PHP, YUI, jQuery, junit, jWebUnit, Selenium

*Web and Mobile applications design and development for laCaixa bank, using the latest Java/JEE and Web 2.0 technologies. Development of J2ME Mobile applications with remote access to central servers, adapted to the services offered by the bank entity to its final users.*

*Development of a high performance application architecture (based on Struts), fault tolerant used in several critical applications, assuring low latency for hundreds of simultaneous users.*

*Internal developments using Java, PHP and Web2.0 latest technologies (GWT, YUI, jQuery)*

- *Lead developer and architect. Management of full development lifecycle.*
- *Software tester and Test designer.*
- *Technical consultant.*
- *Technology trainer in the company.*

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<b>Analyst - Developer</b>	<i>Interlínea 2000</i>	2004	4 months
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Key technologies: .NET, Jabber, PocketPC

*Collaboration in a project for the Basque government, consisting in the development of expending machines remotely controlled through Internet. I developed a .NET library to use Jabber as base communication protocol under PocketPC, as well as some needed accessory tools.*

*Greenfield project, Object Oriented designed, using latest UML tools. Jabber network protocol implemented using sockets and multithreading structure to minimize network latency.*

- *Started as a personal OpenSource project*

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<b>Web Developer</b>	<i>Promopublic</i>	2004	5 months
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Key technologies: PHP, ASP.NET, HTML + CSS + Javascript, Flash, Photoshop, GIMP, SQL

*Development of web sites using several technologies, including ASP, ASP.NET or PHP in combination with several database managers (MySQL, SQL Server and MS Access).*

- *Technical support tasks for companies belonging to Promopublic group and computer assessment for clients.*
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<b>Developer</b>	<i>NETPLC</i>	2002	3 months
<u>Key technologies:</u> C++, Interbase			
<i>Practicum – development of a module manager software for a bus company of Valencia (EMT). Borland Builder C++ and Interbase were used for this.</i>			
<b>Expert</b>	<i>Bankinter</i>	2001-2003	6 months
<u>Key technologies:</u> TCP/IP, Windows XP			
<i>Local network maintenance. Summer substitutions as cashier. Learning of the processes and applications used in the bank entity.</i>			
<b>Developer</b>	<i>AWA (Accesos Web Alternativos)</i>	2001-2002	6 months
<u>Key technologies:</u> Linux, Shell Scripting			
<i>Development of a backup system and hard drive cloning tool for the Cybercafe Internet machines. C and Linux used as base of this system.</i>			
<b>Web Designer</b>	<i>CastellonWeb</i>	2000	6 months
<u>Key technologies:</u> PHP, HTML + CSS + Javascript			
<i>Web designs for small companies, using HTML, JavaScript, PHP and Flash. Basic graphic design. PostgreSQL administrator.</i>			

## LANGUAGES

<b>English:</b>	Upper - Intermediate spoken level (fluent), High writing and reading level
<b>Catalonian:</b>	Upper - Intermediate spoken level, High writing and reading level
<b>Spanish:</b>	Mother tongue

## TEACHING

<b>Computer Security</b> course in Tecnocom
<b>eXtreme Programming: Unit Testing and TDD</b> course in Tecnocom
<b>Scripting and Unix Commands</b> course in Tecnocom
<b>Basic and Advanced Java</b> course in Tecnocom
Paper on <b>Open Source alternatives to Commercial software</b> in the Summer Talks, 2002, organized by Aditel.