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Nationality:	Spanish		
Residence:	Barcelona		
Age:	47 (November 17th., 1976)		
Target:	To analyze, design, implement and deploy software projects.		
Competences:	Artificial Intelligence, statistics, Data Mining, databases, networks, system administration, project analysis and development, teaching.		
Education:	2001-2007	<u>Barcelona School of Informatics (UPC)</u>	Degree in Informatics Engineering
	1995-2001	<u>Barcelona School of Informatics (UPC)</u>	Diploma in Computer Systems
	2021-...	<u>Degree in Mathematics (Universidad Española de Educación a Distancia)</u>	Diploma in Computer Systems
Present Activity:	2009-...	<u>Bitendian (Barcelona)</u>	• Bitendian Ltd. co-founder
	2009-...	<u>Terrassa School of Industrial and Aeronautic Engineering (UPC) (Terrassa)</u>	• Professor for Statistics and Operations Research department
	2008-...	<u>andsports (Barcelona)</u>	• Co-founder of andsports (sports portal).
	2009-2011	<u>Faculty of Mathematics and Statistics (UPC) (Barcelona)</u>	• Go instructor for beginners
	2008-2012	<u>Barcelona School of Engineering (UPC)</u>	• Professor for Statistics and Operations Research

		(Barcelona)	department
	2008-2009	<u>SEID</u> (Barcelona)	<ul style="list-style-type: none"> <li>• Migration/cleaning of accounting information.</li> </ul>
	2008-2009	<u>Delinter</u> (Barcelona)	<ul style="list-style-type: none"> <li>• Intranet arrangements (PHP over Linux and MySQL).</li> </ul>
	2008-2009	<u>Reformasclie</u> (Barcelona)	<ul style="list-style-type: none"> <li>• Execution support to the development of a house refurbishment portal.</li> </ul>
Professional experience:	2008	<u>MovilMatch</u> (Barcelona)	<ul style="list-style-type: none"> <li>• PHP/MySQL front and backoffice of a Perrier promotion contest.</li> <li>• PHP/MySQL front and backoffice of a Nestlé promotion contest.</li> <li>• Deployment of Custo online shop's translation engine.</li> </ul>
	2008	<u>Finconsum</u> (Barcelona)	<ul style="list-style-type: none"> <li>• Logs post-processing scripts.</li> </ul>
	2008	<u>Laigu</u> (Barcelona)	<ul style="list-style-type: none"> <li>• Development of a web wizard (PHP and MySQL using Symfony) which generates pdf legal documents concerning Protection of Personal Data, focused on opticians.</li> <li>• Development (PHP/MySQL using Symfony) of a digital access control and presence distributed application.</li> </ul>
	2008	<u>SoftObert</u> (Barcelona)	<ul style="list-style-type: none"> <li>• Teacher of PHP and MySQL.</li> <li>• Teacher of Linux for LPIC-1 and LPIC-2 certifications.</li> </ul>
	2006-2007		

	<u>Shopall</u> (Barcelona)	<ul style="list-style-type: none"> <li>• Development of web application in PHP, C and MySQL, intranet and Linux network administration.</li> <li>• R&amp;D on a search robot using machine learning, natural language processing and compilers theory.</li> </ul>
2005-2006	<u>Carver Advanced Systems for Roche Diagnostics</u> (Sant Cugat del Vallès)	<ul style="list-style-type: none"> <li>• Development of connection drivers with clinical analyzers.</li> <li>• Development of a connection project of Basque Country Health Service (Osakidetza) to a central host, using XML over Cache DBMS.</li> </ul>
2005	<u>GoFiB</u> (Barcelona)	Founder and president of Go Club at Barcelona School of Informatics
2005	<u>Sigma21 for "La Vanguardia"</u> (Barcelona)	Programming, in C++, of a random number generator, standing for incidences which may happen in a working day, printing newspapers.
2004	<u>Ludicus</u> (Barcelona)	Programming of games for slot machines.
2003	Iverywhere for <u>Telefónica</u> (Barcelona)	<ul style="list-style-type: none"> <li>• Development of a PocketPC-Desktop synchronization via HTTP (Visual Basic, ASP).</li> <li>• Development of a SMS sending application, using servlets and certificates (SSL).</li> </ul>
2003	<u>WAFAE Association</u> (Tangier)	• Teacher on C programming language at Dar Schbab (Youth Center)
2002	Airgomo (Barcelona)	

- Server-side: servlets over Apache Tomcat, Linux administrator, Java Server Pages, access control to DBMS MySQL using JDBC, implementing beans and connection pools, dynamic HTML generation, XHTML, WML for mobile phones supportings WAP-GPRS technology.
- Client-side (mobile phones with Java): midlets programming, with total control on the device, low-level as well as high-level.

2000-2001	<u>Laboratory of Synchrotron Light for CERN</u> (Bellaterra)	Development of a GUI in Java for calibrating the magnetos of a particle accelerator.
1999-2001	<u>ASES Academy</u> (Barcelona)	Coordination and marketing tasks.
1998-2005	<u>ASES Academy</u> (Barcelona)	Teacher on Algebra, Discrete Math and Statistics for engineering students.

Publications: *A new Finite State Machine Queueing Tool for the EPICS control system toolkit, Proceedings of the 12th IEEE-NPSS Real Time Conference (2001)*

Languages: English, Spanish, Catalan, French.

References: [LinkedIn](#)