

David Portabella-Clotet

Born in 1976 (31 years old)
Spanish (Swiss B permit)
Single

Ch. Des Plantaz, 40
1260 Nyon
telephone: + 41 22 361 5048
mobile: + 41 78 687 5554
email: david@portabella.name
<http://www.linkedin.com/in/dportabella>



Overview and objective

From 1994 to 2000, I obtained a M.S. and B.S. in **Telecommunications Engineering** from the Technical University of Catalonia (UPC), **Barcelona**.

During this time, I have also been working part-time in various IT projects and companies.

In 2003 I started a **PhD in Computer Science** at the **EPFL**, under the supervision of Dr. Martin Rajman. I am researching how to improve user confidence in decision support systems for electronic catalogs, e.g. how to assist in shopping, deciding where to go for holidays or deciding your vote for in an election.

I have also been **teaching assistant** and I have **supervised various student projects**.

I speak English, French, Spanish and Catalan.

Objective

My objective is to exploit my expertise in decision support systems, databases and information extraction, either by building a new start-up or by starting a joint venture.

Business plan available under request.

<http://www.linkedin.com/in/dportabella>

Professional Experience

November 2003 to January 2007: EPFL, PhD Student & Research assistant

I am pursuing a PhD thesis under the supervision of Dr. Martin Rajman. I am researching how to improve user confidence in decision support systems for electronic catalogs, e.g. how to assist in shopping, deciding where to go for holidays or deciding your vote in an election.

I also supervise student projects and I am teaching assistant in the Natural Language Processing course and the Java programming course.

August 2002 to November 2003: EPFL, Research assistant

Research on multi-agent systems, semantic web, web services and dialogue systems.

I collaborated to the IM2.MDM project (Interactive Multimodal Interface Management, Multimodal Dialogue Management) and the INSPIRE project (Infotainment management with speech interaction via remote-microphones and telephone interfaces).

I also was teaching assistant in a Java programming course.

Aug 2000 for 2 months: Anglatecnic (Barcelona), Project Manager

Anglatecnic is a company in Barcelona funded by Enric Torres i Feixas, working on Professional Broadcasting and IT.

I supervised two Internet Projects:

- A system to view the weather through Internet TV (Freedomland Italia)
- A system to view the weather in Wap Mobiles (Telefónica Espanya)

Some tools used: Java, XML/XSL, Apache web server, Ms SQL Server

Then I was given a grant and I moved to Switzerland.

Oct 1999 for 1 year: TALP Research Center (Barcelona), Project Assistant

Collaborated to the SALA project under the supervision of Dr. Asunción Moreno. SALA is a Speech Data project across Latin America with the objective of building a speech database for speech recognition.

I developed a Speech Labeling Tool based in Matlab for the TALP Research Center.

Some tools used: Apache, PHP3, MySQL and JDK 1.2.2.

Aug 1998 for 2 months: Pontificia Universidad Javeriana (Bogotá, Colombia)

I worked on a research project about Automated Fingerprint Identification Systems under the supervision of Dr. Pedro Raúl Vizcaya Guarín.

1994–1999: Tot Micro (Manresa, Barcelona): Part time job

Tot Micro is a company in Manresa (Barcelona) which specializes in computer networks and electronic industrial solutions. I worked part time and summers as Technical Support. Installed local networks (Windows NT), C++ and Web instructor, and Software consultant.

<http://www.linkedin.com/in/dportabella>

Education

Nov 2005 for 6 months: VentureLab

I followed the course "Venture Challenge" about Entrepreneurship, Business plan, Financing, Marketing, Staffing and PR. We successfully created a real business plan.

Nov 2001 for 9 months: Graduate School in Computer Science at EPFL

Research project on "Large Scale Semantic Resources: using the EDR Electronic Dictionary" under the supervision of Dr. Martin Rajman.

Courses: Natural Language Processing, Computer Vision, Virtual Reality, Object Oriented Technologies, Automatic Speech Recognition, Advanced Digital Image Processing, Distributed Algorithms, Intelligent Agents.

Oct 2000 for 6 months: Diploma project at EPFL

Logic Systems Laboratory, working with Neural Networks and Genetic Algorithms, under the supervision of Pr. Eduardo Sanchez.

1994 - 2000: M.S. and B.S. in Telecommunications Engineering,

Technical University of Catalonia (UPC), Barcelona

Honours in Speech Recognition, Programming and Computer Architecture & Operating Systems.

Some courses: Algorithms, Signal Processing, Economics, Law of Telecommunications, Mathematical Software, Programming, Communications Theory, Optic and Radio Communications, Data Transmission, Speech Recognition, Network architectures, Electronics, Cryptography, Physics Relativity, Neural Networks, Genetic algorithms

Skills

- Managing student projects

Computer Skills:

- Assembler, C/C++, Java, scripting languages and related tools
- Software collaboration tools and related (Subversion, Sourceforge)
- Semantic Web new paradigm languages and tools
- Web languages and related (HTML, Javascript, PHP, JSP, XML, XSLT, Apache)
- Commercial and open-source databases: mySQL, PostgreSQL, Ms SQL Server, OAI-PMH (Open Archives)
- Specialized mathematical and electronics software
- Administrator level for Ms Windows Server and Linux

Languages

Catalan and Spanish: Mother tongue

English: First Certificate

French: Fluid

Honors and Achievements

- 2002: fellowship from Department of Computer Science, Swiss Federal Institute of Technology for Graduate School
- 1999: fellowship from Department of Signal Theory and Communications, Polytechnic University of Catalonia for SALA project
- 1998: fellowship from Spanish Agency of International Cooperation, Ministerio de Asuntos Exteriores and from Universidad Pontificia Javeriana, Bogotá, Colombia
- 1994: Won a CIRIT price for developing a Karnaugh algorithm software