Curriculum Vitae

Víctor Manuel Díaz Barrales

Personal Information

Name	Victor Manuel Diaz Barrales
Living at	Barcelona, Spain
Phone number	+34645865008 / +34958258941
E-Mail	victormdb@gmail.com
Nationality	Spanish
Birth	18/03/1982
Driving license	B (Car)
Other	Availability to work abroad
	Non-smoker

Educational Background

10/09/2009 - 10/10/2010	Interdisciplinary master in cognitive systems and interactive media, CSIM
	Thesis title: Physiology-based control of affective audio-visual database
	Universidad Pompeu Fabra, Barcelona
01/10/2006 - 31/07/2007	Erasmus Mobility Programme
	Specialization in Wireless Sensor Networks, Multimedia Communication and Overlay Networks
	University of Bern, Switzerland
01/10/2006 - 31/07/2007	Swiss Mobility Programme
	Specialization in System and network security and in Information Architecture
	University of Fribourg, Switzerland
10/01/06	Telecommunication Engineering (MSc)
	Specialization in Telematics
	University of Jaen, Spain
01/10/2001 - 18/02/2006	Telecommunication Engineering (BSc)
	Final work project: Geolocation and tracking system for vehicles using GPS and mobile networks
	University of Jaen, Spain

Work Experience

02/2010 - 05/2010	Freelance
	System administrator
09/2008 - 08/2009	Internship
	Contribute with the design and develop of a Wireless Sensor Network intended to detect and prevent natural disasters within the Seventh European Programme (FP7)
	Deimos Space, Madrid, Space
01/03/2008 - 30/09/2008	Research assistant
	Develop of a citizen alert system based in dual networks. Zigbee and miniFM. Study of overlay networks in sensor networks aiming to reduce the energy consumption.
	University of Science of Tokyo, Japan

Languages

Spanish	Mother tongue
English	High-intermediate level
	Cambridge FCE / TOEFL 102 points
French	High-intermediate level
	Institut linguistique Adenet. Montpellier, France

	Modern language Centre. Granada, Spain
Japanese	Intermediate level
	Human Academy de Tokyo, Japan
	Summer course in the Modern languages Centre of Granada. Granada, España
German	Beginner
	Migros Klubschule Centre, Bern, Switzerland

Courses and misc

2/10/2010 - 3/10/2010	Barcelona music hack day
12/2009 - /12/2009	Maemo Barcelona long weekend
17/02/2009 - 27/02/2009	Data analysis course. University of Salamanca.
17/06/2008	Phisical computation Workshop. Rokunana (67.org), Tokyo, Japan
05/10/2007 - 25/05/2008	Intensive Japanese course, Human Academy, Tokyo, Japan
12/06/2007 - 13/06/2007	Spanish conference of Developers and Users of GNOME, Granada
15/06/2006 - 15/09/2006	Intensive Japanese course, Human Academy, Tokyo, Japan
02/04/05	Speaker about computer security under the context of the University of Jaen Linux conference. University of Jaen
01/07/2004 - 01/08/2004	Puylaurens, FranceVolunteer in civil work restoration
29/03/2004 - 07/04/2004	Network Security course. University of Salamanca.
19/03/2004 - 03/04/2004	Matlab course. University of Jaen
27/02/2004 - 13/03/2004	C Programming course. University of Jaen
01/06/2003 - 15/07/2003	Institute Linguistique Adenet. Montpellier, FranceIntensive French course
01/20/2000 - 18/04/2000	Web programming and design course. Instituto Somos virtuales, Granada

Skills

Operating Systems	Linux, Windows, Mac OS X, Android, Symbian
Programming languages	C, Java, PHP, Python, Ruby, Actionscript, Android SDK, Pure Data, Processing.org, Assembly
Electronics	Atmel AVR, Arduino, Motorola Microcontrollers
Wireless Sensor Networks	WSN Design, Knowledge of different OS architectures
	Wide knowledge of sensors in the market
Web	Ruby on Rails, PHP, Javascript, REST, SOAP, XHTML, CSS
Design	Inkscape, The Gimp, Adobe Photoshop, Adobe Flash

Others / Interests

Open source
Interested in new HCI forms
Interested in new data representation techniques
Travelling
Photography, Art, Architecture
Outdoor sports such as in-line skating, hockey and sky