Curriculum Vitae

Personal Information

Name	Victor Manuel Diaz Barrales
Living at	Barcelona, Spain
Portfolio	http://victordiaz.github.com
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
Pompeu Fabra University, Barcelona, Spain

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

01/10/2006 – 01/09/2007
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

01/08/2003 - 01/07/2003
Digital electronics and mathematics laboratories assistant
Help students with the realisation of practical work in the laboratories
University of Jaen, Spain

01/03/1998 - 01/08/2001
Technical support
Part-time job as a technical support in a computers shop
JMA Ordenadores, Spain

Languages

Spanish	Mother tongue
English	High-intermediate level IELTS 7 points / TOEFL 102 points / Cambridge FCE
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

31/10/2010	Bakarobo robot contest (Budapest - European edition)
2/10/2010 - 3/10/2010	Barcelona music hack day 2/10/2010 - 3/10/2010
12/2009 - /12/2009	Maemo Barcelona long weekend / UX sessions
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	Volunteer in civil work restoration. Puylaurens, France
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, France. Intensive 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, Android SDK, PHP, Python, Ruby, Actionscript, 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