

## Personal Information

Name	Victor Manuel Diaz Barrales
Living at	Barcelona, Spain
Portfolio	<a href="http://victordiaz.github.com">http://victordiaz.github.com</a>
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
01/03/2008 - 30/09/2008	Exchange at the University of Sciences of Tokyo 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
01/10/2006 - 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

11/2010 - 01/2011	Project assistant Pompeu Fabra University, Barcelona, Spain
02/2010 - 05/2010	Freelance System administrator / Multimedia developer
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, Spain
01/08/2003 - 01/07/2003	Digital electronics and mathematics labs assistant Help students with the 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	Physical 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
Web	Ruby on Rails, PHP, Javascript, REST, SOAP, XHTML, CSS
Design	Rapid prototyping, 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