

Curriculum Vitae



Personal Data

Name Juanmi Taboada
Location Málaga - Spain
Website <http://www.juanmitaboada.com>

Computer knowledge

Working right now on: AngularJS, Django/Python, Pentesting & Big Data (Cassandra DB)

Programming languages:

Made programs recently: Python, Django, C, Shell Script, SQL, NOSQL, PHP, AngularJS, CQL

Made programs in the past: C++, Borland C++, C#, Java, Matlab, Actionscript, Perl, Erlang, BATCH, Ajax, QBasic, DBase, Haskell, Prolog, Maude, Pascal FC, VHDL, Latex, TopSpeed Modula-2, Unit Testing, SimpleTest, PHP, JavaScript, JQuery, Visual Basic 6.

Version control systems: GIT, Bazaar, Subversion

Web services: JSON, JSON-RPC, XML, XML-RPC, SOAP.

Office suites: Libre Office, Microsoft Office, OpenOffice, StarOffice, NeoOffice, KOffice

Operating systems Linux, MacOS, Windows, MS-DOS, Solaris

Networks Design, managing, installation and maintenance of big networks, load balancing, routing, firewalls and secondary security high-availability connections.

Servers DNS, FTP, Web, Samba, Email, AntiSpam, Firewall, Jabber, VPN, Transparent Proxy with or without control of contents, Cassandra DB, InfluxDB, KairosDB.

Server's specialties Firewalls, Virtualization, High Availability, Clustering, Pentesting, Cassandra DB

Industrial development Telecontrol, statistics, data miner, data acquisition, wide experience in water sector for telecontrol of weather stations, water pump engines and water processing plants.

Industrial protocols and HW Modbus, IEC870, Riello, Omron, Schneider, Siemens, Midser, Landys, Actaris, Orbis, Circutor.

Graphic design Illustrator, Freehand, Photoshop, GIMP, Blender, 3D Studio, iPhoto Plus, Gif Animator, Image Ready, FLOW, TCM, WorkShop.

Layout Dreamweaver, Kompozer, Fireworks, PhotoShop, Flash, QuarkXPress

Audio and Video edition Wave Studio, Audacity, OpenMovieEditor, Avidemux

Languages: (ILR scale)

Spanish: Native proficiency
English: Full professional proficiency
Polish: Limited working proficiency

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Academical studies

- 1986-1988** Primary school 1st and 2nd year at C.P. "Sagrado Corazón de Jesús". Ardales (Málaga)
- 1988-1994** Primary school 3rd to 8th year at C.P. "El Torcal" (Málaga)
- 06/10/1994** **Got graduate: 9/10**
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- 1994-1997** High school 1st to 3rd year at I.B. "Litoral"
- 15/07/1997** **Got graduate: 8/10**
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- 1997-1998** Studies for accessing to University (COU).
Average between High School and COU: 6,74
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- 02/07/1998** **Got graduate to access to University: 5,98**
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- 1998-2006** Computing engineering. University of Málaga. <http://www.uma.es>
- 2006-2007** Computing engineering. Distance University (UNED). Málaga. <http://www.uned.es>
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- 2013-2014** Executive MBA . ESESA. Málaga. <http://www.esesa.eu>

Additional knowledge

Started Ended Company and description of knowledge

- 03/2000 05/2000 Centro de formación Milenium (Málaga)**
Studies about network technician with maximum points 10/10 (32 hours)
- 10/2000 07/2001 Centro de formación Milenium (Málaga)**
Studies about general graphic design with 8/10 points (162 hours)
- 01/2000 07/2001 Centro de formación Milenium (Málaga)**
Studies about general web design with maximum points 10/10 (108 hours)
- 09/2001 12/2001 Group of Studies in Biomimetics (Universidad de Málaga) <http://www.geb.uma.es>**
Research in parallel architectures, distributed software and clustering systems.
- 01/2004 04/2004 Fibranet (Málaga) <http://www.fibranet.org>**
I+D about distributed architectures and high availability systems
- 02/2004 02/2004 Open Source International Conference (Málaga)**
Visited most of speeches during 3 days and working in own stand about Association Cultural Málaga Wireless.
- 03/2004 03/2004 1st international conference about Fractal Geometry (Madrid)**
Conferences mainly about fractal geometry to be used for different applications: design, development, optimization and calculation. I talked about fractal geometry applied to jewelery.
- 06/2004 06/2004 Kaslab (Madrid)**
Speeches about artificial intelligence, firewall networks, hacking, cracking and Linux.
- 03/2006 04/2006 Faculty of language and polish culture (University of Szczecin - Poland)**
Basic studies about Polish language
- 04/2006 05/2007 Private studies (Szczecin - Poland)**
Studies for improving knowledge about Polish language
- 03/2011 03/2011 Pont Grup Correduría de Seguros (Málaga) <http://www.pontgrup.com>**
Course for Workplace Industrial Risks Prevention

Work experience

<u>Started</u>	<u>Ended</u>	<u>Company and activity</u>
08/1999	08/1999	Academias Martisán (Torremolinos - Málaga) Installed 10 computers (using Linux), Proxy server and Internet connection through router.
05/2000	01/2002	Consulting y Aplicaciones Informáticas (Málaga) Technical service
06/2000	05/2001	Centro de formación Milenium (Málaga) Technical service
10/2000	01/2001	Centro de formación Milenium (Málaga) Installation of network server and Internet server using Linux (mail, web, ftp, samba, proxy,...) and administration for few months.
06/2000	08/2001	Centro de formación Milenium (Málaga) Teacher of office suites using Windows and teacher of Linux in 3 levels (user, networks and administration).
08/2001	08/2001	Group of Studies in Biomimetics (University of Málaga) http://www.geb.uma.es Design and development of website for Group of Studies in Biomimetics at http://www.geb.uma.es
09/2001	09/2005	Group of Studies in Biomimetics (University of Málaga) http://www.geb.uma.es Administration of Internet servers
12/2001	09/2004	Group of Studies in Biomimetics (University of Málaga) http://www.geb.uma.es Installation and administration of clustering systems with 18 computers.
10/2001	10/2002	Centro de formación GAUSS (Málaga) Installation and administration of Internet/Proxy server.
05/2002	12/2002	Group of Studies in Biomimetics (University of Málaga) http://www.geb.uma.es I+D for projects connected with investments on trade markets for Inversiones Sistemáticas Inversiona S.L.
07/2002	07/2002	PartySur (Estepona - Málaga) Organization and speech: installation and administration of wireless network at PartySur 2002, event made by the town council of Estepona.
10/2002	09/2003	Languages and sciences department (University of Málaga) http://www.lcc.uma.es Installation and administration of clustering systems with 7 computers.
10/2002	10/2002	Primeras Jornadas de Redes Inalámbricas (Ceulaj de Mollina - Málaga) Organization and speeches during 3 days and 200 assistants.
11/2002	11/2003	Jara del Oro S.L. (Cenes de la Vega – Granada) http://www.hotelcerrodelsol.com Design, development and maintenance of website for Hotel Cerro del Sol
12/2002	12/2002	CyberParty (Las Palmas – Gran Canaria) First congress of Wireless Groups of Spain formed by a committee of 14 people representing all Spanish Wireless groups.
04/2003	04/2003	Faculty of computing (University of Málaga) http://www.informatica.uma.es Installation and administration of wireless network for public access during cultural week.
05/2003	09/2003	Group of Studies in Biomimetics (University of Málaga) Design and development of web museum about computing.
07/2003	08/2003	Faculty of biological sciences (University of New York – USA) http://www.sunyopt.edu Specialist programmer for research supporting. Work researching neuroscience for knowing more about the path between hypothalamus and visual primary cortex at SUNY Optometry.
10/2003	12/2005	Group of Studies in Biomimetics (University of Málaga) http://www.geb.uma.es I+D for applications connected with road and traffic for Tecnologías Viales aplicadas S.L.
10/2003	10/2003	Jornadas de Redes Inalámbricas (Málaga) Organization and speeches during 2 days with 100 assistants.
05/2004	05/2005	EuroWeekly News (Arroyo de la Miel – Málaga) http://www.euroweeklynews.com Installation and administration of high availability servers.

- 06/2004 02/2005 Multimedia edition Gebmedia (Málaga) <http://www.geb.uma.es>**
Graphic and 3D designer with Blender.
- 09/2008 02/2011 InterHanse Outsourcing Services S.A. (Málaga) <http://www.interhanse.com>**
System analyst: server administration, peripheral security of computer systems, servers and high availability systems, secondary redundant Internet access, network supervision 24x7 and servers, network control access, communication protocols and web services (own and with insurance companies like Allianz, Caser, Groupama, Liberty, Vitalicio, Reale, Mapfre, InterHannover and SOVAG). All tasks were developed for <http://www.pontgrup.com>
- 02/2011 12/2011 Bética Fotovoltáicas S.L.U. (Málaga) <http://www.monsol.net>**
Head of Data Acquisition Department with 5 workers under my directions for development of a Data Acquisition Software based on Python, ARM9 processor, Embedded systems and Django. Also offering support to Computer Department on PHP and SQL optimization.
- 12/2012 --- CEO at Centrologic CLC S.L. (Málaga) <http://www.centrologic.com>**
- 03/2013 01/2016 CTO at Wannalea (Málaga) <http://www.wannalea.com>** (In 2016 became part of Centrologic)
- 06/2013 01/2016 CEO at Bioengineering Software (Málaga) <http://www.bioesoft.com>** (In 2016 became part of Centrologic)
- 01/2015 --- CEO from Medial Alert Biotech S.L.U.**

CURRENT JOBS:

From 09/2005 as CEO at Centrologic CLC S.L. (Málaga) <http://www.centrologic.com>

From 01/2015 as CEO at Medial Alert Biotech S.L.U.

The most impressive projects I have directed

<u>Date</u>	<u>Company, project name and description</u>
2003-2004	Centrologic – Teleruta System which one DGT (Dirección General de Tráfico - http://www.dgt.es) was able to know on real time the status of works that have to be done in all the roads in Spain. It was coordinating on real time the Central in Madrid with each Community, City, Manager and workers to create tasks that workers could accomplish. The assistance for this project was 24x7.
2005-2008	Centrologic – Likindoy GPL Likindoy is a SCADA system programmed with Open Source technologies, that get nearer automation and the control of industrial systems to computer experts. It is developed in Python, MySQL and R. It is working in Axaragua Aguas y Saneamientos de la Axarquía processing information and plotting daily graphs from more than 50 water pumps in different locations, 4 water cleaning factories from different cities. http://www.likindoy.org http://www.axaragua.com
2008-2011	PontGrup Correduría de Seguros – APIIH & APIOUT APIIH and APIOUT is a software designed in Python and PHP which target the insurance market allowing to PontGrup to offer to their clients price information about insurances on real time (2-3 seconds) from different insurance companies from Spain (Allianz, Caser, Groupama, Liberty, Vitalicio, Reale, Mapfre, InterHannover and SOVAG). The system was able to answer more than 40.000 requests per day with an average time of 3.5 seconds per request. http://www.pontgrup.com
2011	Bética Fotovoltáicas – DAQ DAQ is a Data Acquisition Software developed to get information mainly from Solar Power Plants. On December of 2011 it was working in more than 150 different places in Spain getting information about electricity production on real time to give it to REE (Red Eléctrica Española – http://www.ree.es/ingles/) every 12 seconds or faster . Also is working in Germany, Italy and Czech Republic. http://www.monsol.net
2011-2016	Bioengineering Software - SAFECLON High performance synchronized and safe storage system for offices. It is a private cloud with steroids. http://www.safeclon.com
2014-2016	Centrologic – Likindoy Likindoy is a full industrial software for: Data Acquisition, SCADA and RTU System, that brings full control for all kind of automations and industrial systems to computer experts. It is developed in Python/Django, MySQL/Cassandra and AngularJS. http://www.likindoy.com

2014-Nowadays Centrologic – CODENERIX

Software developed as a Framework in Django/Python, Bootstrap and AngularJS/JQuery to assist programmers in the processes of building ERP software. The power of CODENERIX becomes from the ability to analyze data models and build from it a full responsive website able to manage the full data from this models. From the point of view of programmers this software can do several things and adapt the result to the client with few easy steps.

<http://www.codenerix.com>

With CODENERIX we have successfully built software for sectors like:

- Aeronautics for flights services planning and tracking
- Documentation management for official architects school
- Clinical and genetic analysis (including online website and TPV linked to ERP)
- Cinema, concerts and theater ticketing (including online website and TPV linked to ERP)
- Computer and electronics store (including online website and TPV linked to ERP)
- Industrial analysis and data visualization
- Managing archaeological pieces
- Insurance companies for client relationship management and salesman supporting
- Lawyers for managing a lawyer's buffet

Speeches I have given

<u>Date</u>	<u>Event and name of the speech</u>	
07/2002	Organization and speech: Introduction to Wireless Networks	PartySur 2002 (Estepona - Málaga)
10/2002	Organization and speech: Introduction to Wireless Networks	Primeras Jornadas de Redes Inalámbricas (Ceulaj de Molina - Málaga)
12/2002	Introduction to OpenMosix Clustering systems, task migrations and distributed systems	CyberParty (Las Palmas – Gran Canaria)
03/2003	Introduction to Wireless Networks	Kamper Party (Coín - Málaga)
03/2003	Introduction to Wireless Networks	IEEE members(Universidad de Málaga)
04/2003	Organization and speech: Introduction to Wireless Networks	Semana cultural de informática (Universidad de Málaga)
03/2003	Organization and speech: school of antennas for wireless network usage	Semana cultural de informática (Universidad de Málaga)
05/2003	Introduction to Wireless Networks	Écija Party 2003 (Écija - Sevilla)
10/2003	Organization and speech: Introduction to Wireless Networks	Jornadas de Redes Inalámbricas (Málaga)
03/2004	Fractal geometry applied to design of jewelery Including the abstract: http://www.juanmitaboada.com/wp-content/uploads/2015/07/Abstract_Geoma.pdf	1 st international conference of Fractal Geometry (Madrid)
03/2004	Introduction to Wireless Networks	Semana cultural de informática (Universidad de Málaga)
02/2005	Distributed systems and High Availability Introduction to Wireless Networks	Málaga's business central
03/2005	Introduction to Wireless Networks	Málaga's business central
06/2010	Prevention of computer risks	Pont Grup Correduría de Seguros
11/2013	Ciphering day by day and a hacklab of embedded systems	Linux Málaga – Centro de recursos participativos
09/2014	Introduction to AngularJS	Linux Málaga – Centro de recursos participativos
01/2015	Practical Workshop about Python	Linux Málaga – Centro de recursos participativos
02/2015	Practical Workshop about Django	Linux Málaga – Centro de recursos participativos
04/2015	OTP: One Time Password	Linux Málaga – Centro de recursos participativos
05/2015	Big Data with Cassandra	Linux Málaga – Centro de recursos participativos
10/2015	Practical Workshop about Cassandra DB	Linux Málaga – Centro de recursos participativos
11/2015	Deep Web	CEP - Centro de Profesorado de Málaga

- 12/2015 Intelligent Monitoring oriented to Business Intelligence**
 Databeers - Centro Demostrador TIC Smartcity de Málaga
- 02/2016 Practical Workshop about Python (FTP+MySQL)**
 Linux Málaga – Centro de recursos participativos
- 03/2016 Practical Workshop about Python (Client/Server)**
 Linux Málaga – Centro de recursos participativos
- 02/2017 Practical Workshop about Python (Introduction to Python programming language)**
 Linux Málaga – Centro de recursos participativos
- 02/2017 Practical Workshop about Django (Introduction to Django Web Framework)**
- 03/2017 Practical Workshop about Python (Objected Oriented Programming and other resources)**
 Linux Málaga – Centro de recursos participativos
- 03/2017 Practical Workshop about Network (Pentesting, security and firewalls)**
 Centrologic – Main offices
- 04/2017 Practical Workshop about Django Class Based Views and CODENERIX**
 Linux Málaga – Centro de recursos participativos

Own software

Date Name and description

03/2000 TBFirewall

Program to manage firewalls in servers, first developed for ipchains (kernel 2.2) and upgraded to iptables (kernel 2.4 or later).

02/2002 OpenCallejero

Flash program with a dynamic map of Málaga city with wireless description of nodes and information about coverage, owner and links.

04/2003 OpenNodos

Web program to manage the database of nodes in Málaga's wireless network.

03/2004 Geoma

Web program for designing jewelery with fractal geometry, deeply based in calculus about fractal geometry.

05/2003 Museum of computation

Web program that it defines itself as a museum for computation. This project started at University of Málaga.

06/2003 Callermon

Program for Linux servers to communication by a phone call about a electrical failure in Salicru Electronic's UPS.

09/2005 Netkey

Program to control backups between synchronized servers on real time, with special security system that auto-protect the server if is stolen from its physical place.

09/2005 Likindoy GPL

Program to manage information about Remote Terminal Units for industrial control and data processing, it make statistical graphs daily and send them by email. More information at: <http://www.likindoy.org>

01/2010 Cologic

Program to manage DNIe (official Spanish Identification ID) to know when user connected, disconnected and for how long was working with the computer (keyboard/mouse/ethernet/CPU statistics on real time)

01/2012 Hiddenbak

Software to manage encrypted information. More information at: <http://www.hiddenbak.com>

06/2013 SAFECLON

Synchronized and encrypted storage system. More information at: <http://www.safeclon.com>

10/2014 Likindoy

Full industrial software for Data Acquisition, SCADA and RTU. More information: <http://www.likindoy.com>

03/2017 CODENERIX

Open source enterprise business management system built on top of Django + AngularJS + Bootstrap. Ready for fast development of any CMS, ERP, Business Management Software:

<https://github.com/centrologic/django-codenerix>

Associations

<u>Started</u>	<u>Ended</u>	<u>Association and description</u>
01/1999	-Still active-	Linux Málaga http://www.linux-malaga.org Association of Linux's users from Málaga.
01/2002	12/2007	Málaga Wireless Cultural association of wireless networks.
12/2002	04/2003	Málaga Wireless Vice-president
04/2003	12/2007	Málaga Wireless President
03/2004	12/2007	ANURI (National Association of Wireless Networks Users) Vice-president
01/2006	12/2012	ASIMA http://www.asima.org Malaga citizen anti-AIDS association
01/2008	04/2010	ASOLIF Association of companies of Free Software
03/2010	-Still active-	Amirax http://www.amirax.org Association in favor of intellectually disabled persons Rincón de la Victoria
01/2014	-Still active-	ACNUR http://www.acnur.org

Others

Auto-learning	Natural ability to learn by myself.
Team	Wide experience working as a part of a team and managing developers and sysadmin.
Dynamic	I am active, always ready to improve systems, get new ideas and make them to work.
Project manager	Wide experience as a project manager. Abilities to plan, distribute and resolve time limited works where the time-cost is a very important variable. Experience in SCRUM and KANBAN methodologies for project management, also very experienced with most of tools from Atlassian: Jira, Stash, Hipchat, Confluence, Team Calendar, Service Desk

Travels I have done

(only most important)

Germany: Berlin, Basel, Colmar, Freiburg and Stuttgart.

United States: New York

France: Strasbourg, Paris

Greece: Athens

Poland: Dziwnów, Hel, Gdynia, Gdańsk, Goleniów, Krakovia, Międzyzdroje, Poznań, Sopot, Stargard, Szczecin, Wrocław

Check republic: Prague

Swiss: Berna, Lucern

Marocco: Tanger

Sports

Basket, soccer, tennis, street hockey and swimming.