

Antonio Román Fernández

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I'm an ambitious, confident and experienced person who has develop his career path on latest technologies, agile development techniques and management in many different countries and cultures. As a passionate about cloud computing and social networking, and having relevant experience on architecting and managing complex data structures and distributed systems, I am excellent in building IT systems and managing and mentoring a team to achieve objectives on time and with excellence.

Personal Data

Development	<ul style="list-style-type: none">• BS in Computer Science (2013 - Currently, 85%), University: Universitat Oberta de Catalunya (Barcelona, Spain) - http://www.uoc.edu• Japanese Language Studies in Japan (2006 - 2007), Japanese Language School affiliated with Tokyo International University. (Tokyo, Japan) - http://www.jpschool.ac.jp• Computer Applications Development Diploma (2001 - 2003), College: Escola Taulé Viñas (Barcelona, Spain)
Personal	Birth date: 13th of March of 1981 Nationality: Spanish Marital status: Married Languages: Catalan and Spanish (mother tongues), English (fluent), Japanese (advanced), Mandarin Chinese (basic)
Interests	Computers, Apple, Technology, Design, Japan, United States, Hawaii, Dogs, Music, Internet, Movies, Traveling, Soccer, SnowBoarding, Cooking, Photography, Mahjong, Cars, Driving
Permits	European Passport - Eleggible to work in the EU Married to Taiwanese citizen - Eleggible to work in Taiwan Spanish Drivers B license

Technical skills

Server Administration	Ubuntu Server, Lighttpd, Apache, Tomcat, Nginx, VSFTPD, OpenSSH, SSL certificates, Postfix (mail server), Courier-IMAP, SVN, Git, Crontab
Scalability (Cloud)	NoSQL, Riak, Cassandra, MongoDB, CouchDB, Membase, CouchBase, Hadoop, Map-Reduce, Disco, Load Balancing, Reverse Proxies, RabbitMQ, ZeroMQ, Varnish, Squid3, Memcached, Distributed systems
Operative Systems	Mac OS X (Leopard and up), Linux (Ubuntu, Suse, Debian, RedHat), Unix, Windows (3.1 and up), DOS
DataBases (Relational)	PostgreSQL, MySQL, Oracle, MS SQL Server, Access, XML

Coding	Python, PHP5, phpCloud Framework, CakePHP Framework, Zend Framework, Javascript, AJAX, JQuery, Mootools, JSON, API development, Shell scripting, RESTful Arquitectures, HTML5, Objective-C (iOS), Cocoa, Ruby, JSP, ASP, UML, VisualBasic, .NET, C++, Delphi, Pascal, Java, Drupal CMS, RSS, Magento, Agile methodologies
Graphic Design	Adobe Photoshop CS6, Adobe Illustrator CS6, Adobe InDesign CS6, CSS3

Career History



Washmen FZ LLC (Dubai, United Arab Emirates)

<http://washmen.com>

CTO (3 August 2015 - Currently)

Head of development to Washmen's on-demand laundry services for Dubai.

Main duties are doing the architecture and development of our cloud-based service and the mobile apps our customers use to interact with our drivers in order to get their laundry collected, cleaned and delivered with excellent timing and quality.



LeadTech (Barcelona, Spain)

<http://leadtech.com> **References:** gcastillo@leadtech.com

CTO (4 May 2015 - 31 July 2015)

Head of development to Leadtech's **Star** ★ product: a travel visa online agency capable to painlessly deliver several countries' tourist visa and travel intelligence to its customers through an automated cloud platform and mobile applications.

Main duties are turning ideas into requirements, designing the platform's architecture with the right technologies, studying how visa application processes can be automated to build robots accordantly and managing & mentoring an IT team in order to reach the optimal results.



Clicksco FZ LLC (Dubai, United Arab Emirates)

<http://clicksco.com> **References:** tom@clicksco.com

Product Manager, Japan Specialist (1 April 2014 - 31 December 2014)

Responsible for the management of Clicksco's price comparison sites for the asian markets, specially in Japan. Also building a "meta-feed" API to control and analyze different CPC and CPA feeds from 3rd-party providers so that we can offer the best products and offers over the full organization's e-commerce sites.



Inteligencia del Negocio Pr3mium (Barcelona, Spain)

<http://inpr3mium.com>, <https://farmapremium.es>

CTO (12 December 2011 - 19 February 2014)

Head of development to a national-wide cloud service to analyze people's trends and consumption on the pharmaceutical industry to help pharmacies, cooperatives and laboratories to target their audiences in a smarter and more efficient way

through online analysis of data provided by our in-house developed loyalty points card for pharmacy customers in Spain.



Armorize Technologies (Taipei, Taiwan)

<http://www.armorize.com> **References:** wayne@armorize.com

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Product Manager (29 March 2011 - 8 December 2011)

Product Manager for Armorize's new Malvertising (malicious ads) scanning SaaS (Software-as-a-Service) product line called SafeImpression/AdVantage, developed for Symantec.

Main duties are studying the online advertising market and new Cloud technologies, designing the product (how it should look/work), interacting with Symantec (get specifications/discuss features), building task schedules and managing a team of engineers and designers to satisfy product's needs on time.



Armorize Technologies (Taipei, Taiwan)

<http://www.armorize.com> **References:** wayne@armorize.com

Senior Engineer and Lead Developer (19 May 2008 - 29 March 2011)

Developing Armorize's web malware protection Cloud Service HackAlert, a 24-7 scanning and monitoring tool for detecting malware and virus on websites. Primary tasks on this project are: DataBase design and optimization, Server side scripting to monitor server states in the Cloud, PHP development of core components, UI design and API development for 3rd party integration to our system. Also being the Lead Developer for Japan Client's custom branch WebAlert (<https://webalert.jp>)



LemonadeMedia (Beijing, China)

<http://www.lemonademedias.com> **References:** masaki@lemonademedias.com

Project Manager (21 January 2008 - 9 May 2008)

Project Management of websites for clients all over the world interested on doing business in China. My tasks are talking with clients (phone/email) to get their requirements and create project planning to build their websites according to their needs. Also I have to guide the designers and programmers on their tasks to be able to finish the websites at the times my planning says, and help them with the coding.



FrogTrade Ltd (Halifax, The United Kingdom)

<http://www.frogtrade.com> **References:** gareth.davies@frogtrade.com

Applications Developer (16 August 2007 - 31 December 2007)

Developing Web components in PHP, CSS, Javascript and AJAX for the most advanced Learning Platform available in the UK.

Main tasks was fixing cross-browsing issues of CSS and Javascript for perfect performance in Internet Explorer and FireFox (including Macintosh) supporting W3C guidelines and standards. Also to perform a drag and drop in site page builder

with PHP, CSS, Javascript and AJAX on complex layouts including Iframes.



Headway, Co. LTD (Tokyo, Japan)

<http://www.hway.co.jp>, <http://www.esute.info> **References:** sokanryo@gmail.com

Web Developer (22 August 2006 - 31 March 2007)

Developing websites and portals in Japan for japanese customers. Coding the websites mostly using PHP, AJAX (web 2.0), CSS and mySQL. Sometimes producing the websites from Photoshop files. Creating and Administrating mySQL Databases for the clients websites and also inside the company. Also working on the company's sites RSS news system.



Parc Tauli (Barcelona, Spain)

<http://www.cspt.es> **References:** pescuder@tauli.cat

Computer Engineer (18 October 2005 - 28 February 2006)

Working for Parc Tauli (Sabadell's Hospital) to migrate SIEMENS clinic system to the new one from Hewlett Packard. As experienced developer for SIEMENS, my task in the hospital was to help HP to develop the new clinic station migrating the information on the old SIEMENS system. As SQL Server DBA, extract the table information and data from the databases to convert them for the HP. Also making back-up task to help HP to perform the structure of the new system. Apart from the SIEMENS to HP migrations, I made some scripts for the PGP encrypting messaging system and some Servers controls and Back-ups.



SIEMENS, Abama Technologies (Barcelona, Spain)

https://www.swe.siemens.com/spain/web/es/healthcare/soluciones_IT/Pages/selene_clinic.aspx

Computer Engineer (7 December 2004 - 17 October 2005)

Working on SIEMENS clinical system in hospital Parc Tauli. My task in the project was administrate the Servers (Apache, Tomcat, SQL Server, Jrun, Openlink [messaging]). Take care of the Database, creating tables, inserting data, creating triggers... Creating a PHP/CSS website for taking statistics of the database. Helping on the development and upgrading of the main application build in Java and JSP. And also taking care of the 24h support line for the hospital.

Conferences



DefCon 18 (30 August 2010, Las Vegas, USA)

DriveSploit: Circumventing both Automated and Manual Drive-By-Download detection.

Co-Speaker with Wayne Huang (Armorize's CEO)

Projects



MahaloStudio is my Digital User Experiences Studio where i design and experiment new technologies and ideas that come to my mind. Site is still under development, but you can peak-a-boo at my wedding site.

<http://www.mahalostudio.com>



phpCloud Framework is a new generation PHP5 MVC Framework to develop cloud web applications. Is designed with scalability in mind with built-in cloud technologies like NoSQL databases (Riak, Cassandra), customizable caches (memcached), ajax... ideal to build facebook-like social networking sites.

<http://www.phpcloudframework.com>



PupCloud is a social networking community for animal lovers. It was built for learning new cloud technologies (NoSQL, Riak, Hadoop) and give a real test-case for phpCloud Framework. **PupCloud is under development at the moment.**

<http://www.pupcloud.com>



Corporate website development for a biotechnology company focused into Fetal Lung Maturity testing.

<https://www.quantusflm.com>