



César Suárez Ortega

An enthusiastic software engineer and researcher

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<http://csuarez.me>

<http://github.com/csuarez>

Technical Proficiency

PHP: Symfony2, Symfony1, Silex, Wordpress, Doctrine, Composer, Phing, PHPUnit.

Javascript: AngularJS, jQuery, vanilla Javascript, PixiJS (WebGL), Grunt, Gulp, Karma.

CSS & HTML: SASS, LESS, Bootstrap.

Other languages: Java (Swing and Hibernate), a little bit of Python (Eve, Flask), C++ (Qt4, Intel IPP and PaLib, a Nintendo DS library).

Additional skills: Linux, Git & SVN, Ansible, Vagrant, Jenkins, MySQL, MongoDB, Hugo, Docker, Grid and another types of distributed computation. A little bit of Hadoop.

Experience

2011 – 2016: Software Engineer & Researcher @ CETA-Ciemat

- Porting our desktop app for diagnose breast cancer to the web using **AngularJS**, **Python**, **Eve**, **MongoDB** and **WebGL** (PixiJS). Check it at <http://aloe-health.org>.
- Developing and analyzing web applications and REST APIs with **Symfony2**.
- Helping to establish our development workflow with **Jenkins**, **Ansible**, **Magallanes**, **GIT** and agile methodologies.

2009 – 2010: Software Engineer & Researcher (Scholarship) @ CETA-Ciemat

- Developing and designing internal web applications with **Symfony 1** and **MySQL**.
- Developing a desktop application with **Java** and **Swing** for breast cancer diagnosis.
- Porting scientific code to distributed computation infrastructures (specially to **Grid** networks).

Own projects

SuicideByStar: Webzine about alternative music

A webzine where some friends and I write about alternative and experimental music. Also, we have an animate forum and we record a monthly podcast. The web is built with Wordpress, Roots, PHPBB3 and LESS. Check it at <http://suicidebystar.com>.

B.E.E.T.: Web which promotes tech events in Extremadura

Project created to promote tech events in Extremadura. Check it at <http://beet.tech>.

Publications and talks

- ¬ I have presented multiple talks about diverse topics, among them: Symfony2, AngularJS, Ansible, MongoDB, MapReduce, continuous integration. Check them all at <http://csuarez.me/talk/>.
- ¬ I have written several **scientific papers**, mainly related with the use of distributed computing and image analysis to support the **breast cancer diagnosis using mammographies**. Check them all at <http://csuarez.me/publication/>.
- ¬ Additionally, I am a **founder member** of the **local group of PHP** in Cáceres (<http://phpcaceres.es>).

Education

- ¬ **ScrumManager Certification** @ Estratecno, 2012.
- ¬ **Professional Expert Degree in Development of Dynamic Webs** @ UNED, 2010 – 2011.
- ¬ **M.Sc. in Grid Computing and Parallel Programming** @ University of Extremadura, 2010 – 2011.
- ¬ **B.Sc. in Computer Engineering** @ University of Extremadura, 2003 – 2009.

Languages

- ¬ **Spanish:** Native speaker.
- ¬ **English:** Cambridge First Certificate (equivalent to CEFR B2).

Additional info

I love the well-done work from a pragmatic point of view. I like designing architectures and thinking about how to improve development workflows, but I enjoy getting my hands dirty. I am a friendly guy, always searching for new experiences and meeting new people.