



# 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.