# Macintosh HD:Users:csuarez:César Suárez Software Engineer.pngCésar Suárez Ortega

An enthusiastic software engineer and researcher

suarez.ortega.cesar@gmail.com

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 applicacion 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 experiencies and meeting new people.