

JOAN ORRIT PALAU

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<https://github.com/joanorrit>

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## HIGHLIGHTS OF QUALIFICATIONS

- Solid background in **PHP** and **SQL** languages. Good knowledge of **object-oriented** and **design patterns**. 1 year working as **Backend** Developer. Improving and **refactoring** the **Backend** code as well as **Frontend** code.
- Extended knowledge of **JQuery**, **HTML**, **API Rest**, **Linux**. Also using **TDD** methodology, **PHPUnit** or **Behat** for making Unit Tests.
- Experience with **Java**, **C** and **C++**.
- Experience in **Android** development. Two apps built by my own.
- **Multilingual**: Fluent in English, Spanish and Catalan.

## PROFESSIONAL EXPERIENCE

September 2016 - August 2017 Intercom Empresas. **PHP Developer**.

- Working in the **Technical Support Department** for the different websites of the company, such as [www.multiestetica.com](http://www.multiestetica.com) or [www.mundopsicologos.com](http://www.mundopsicologos.com).
- **Responsible** for deciding how, when and the importance of every fix.
- When we found the bug in the code, we followed the next procedure: Fix the bug, refactor the code trying to use **best practices** and **clean code** rules and make a **Unit Test** (PHPUnit).
- Partner with the **QA** department. We had a lot of shared bugs with them, we fixed the issues together and we also tried to monitor the bugs. The QA department was working with technologies such as **Jenkins**, **Docker** and **Ansible**.
- Working with **Scrum** and **Kanban** agile frameworks.

Engineer Skills: **PHP**, **HTML**, **Bootstrap**, **jQuery**, **Ajax**, **Behat**, **Symfony**, **Twig**, **Rabbit**, **MySQL**, **C**, **C++**, **Cuda**, **Java**, **Linux**, **PHPUnit**, **Mercurial**, **Git** and **JIRA**, **SOLID**, **Unity**.

## OTHER WORK EXPERIENCE

- **September 2014 - June 2017 Assistant High School Mathematics Teacher.** Frederic Mistral - Tècnic Eulàlia School.
- **2014-2016 Hiking Union of Barcelona (UEC). Volunteer** organizer of ski touring race "Bassiero". Marker route and checkpoint.
- **March 2015 Private service.** Private driver during Mobile World Congress at Barcelona, Spain.

## EDUCATION

- **2011-2017 Bachelor Degree in Computer Engineering.** Specialized in Hardware. *Universitat Politècnica de Barcelona (FIB, Barcelona, Spain).*
- **2016** Online course Front-End Programming Foundations. **HTML** and **CSS**. *Code School Academy.*
- **2014** Programming course of IOS (**Objective-C**) by *Universitat Politècnica de Catalunya.*

## PROJECTS

- **Android App.** Geography game to learn the countries of America. Designed with Android Studio. *Project for a subject by Universitat Politècnica de Barcelona.*
- **Videogames.** Video Game using **OpenGL** and **C++** language. Simulation of Terraria game. *Project for a subject by Universitat Politècnica de Barcelona.*
- **CUDA.** Optimization of Clustering Algorithms using **GPU** and **CUDA**. GitHub URL: <https://github.com/joanorrit/campaign-1.0>. *Degree Final Project by Universitat Politècnica de Barcelona.*

## ADDITIONAL INFORMATION.

- **Climbing.** Cepeda (350 m, 6a), Picu Urriellu (Naranjo de Bulnes).
- **Skiing.** Vermicelle (250 m), Cambre d'Aze. Couloir Nord (200 m, 4.2), Pic de les Valletes.
- **Mountain Races.** CRVA, Resistance Race at Esterri d'Àneu, Spain, 45km, D+ 3300m.
- **Football.** Member team Penya Barcelonista Cinc Copes 2005-2007 in Barcelona. Member of youth team Martinenc 2008-2011 in Barcelona.
- **Driving license:** International Driver Licence.