MARC FERNANDEZ-GIRONES

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SUMMARY OF QUALIFICATIONS

Over **3 years of experience** as a **software engineer** in different environments such as startups, Fortune 100 companies, and as a freelancer. Highly motivated and hard working. Always considering different approaches to get the most convenient solution. **Multilingual**, self-learner, **problem solving oriented** and clean code advocate.

PROFESSIONAL EXPERIENCE

- ### SOFTWARE ENGINEER AT MARKET MOTIVE INC.; SCOTTS VALLEY (USA) — SEPT 2011 TO PRESENT

Developed new features in **OO PHP and Javascript** and evaluated and solved software bugs for the Learning Management System and the CRM used in the company. Implemented a **group manager dashboard** to keep track of the groups progress, an **API** to let the partners interact with our system, a **low-quality leads auto responder** integrated with our CRM which helps the sales representatives to focus on the important leads, etc. Also, designed and developed new r**eporting and analyzation tools** which allowed for growth and optimization.

- ### SOFTWARE QUALITY ENGINEER INTERN AT HP; BARCELONA (SPAIN) — OCT 2010 + 11 MONTHS

Developed a web application in a **LAMP environment** to report and analyze every code modification under SVN which allowed the Software Quality team to increase productivity and effectivity. Designed and implemented new test cases and **automation tools** in order to test Agile developed software products as the new *ePrint & Share* and large format printers such as the HP Designjet family.

- ### AUTOMATION/TEST ENGINEER INTERN AT APPLE INC.; CUPERTINO (USA) — JUN 2010 + 3 MONTHS

Built an application from ground up to improve the reporting of the Mac Hardware full-scale automated tests, which enhanced the speed of the old tool by 5 times. Developed new reports, **interactive data-visualizations** and **advanced nested searches** which gave testers the ability to monitor test target activities and managers to easily create rich and understandable reports.

- ### INTERNSHIPS AND OTHER EXPERIENCE (USA, SPAIN)

Since I started in software engineering, I worked as a **full-stack developer** in personal, client and some open source projects which each proposed new challenges which made me **auto-learn new technologies**.

I've also done several internships programs while studying - *ScratchSpace Inc* (Santa Cruz - USA) for 3 months where I created the base of an application with **Kohana PHP and Doctrine ORM** and **designed the MySQL database** for future interns who were learning to program in PHP. *Yamaha* (Barcelona - Spain) for 6 months where I worked as member of the IT team and attended the daily maintenance of the **AS400 and Windows servers**. *Atmira S.A.* (Barcelona - Spain) for 5 months where I actively participated in the development of the company's debt management software for one of the clients writing **Java with Struts on the backend** and **HTML and Javascript on the front-end**.

SKILLS

Programming Languages — C, Java, PERL, Objective-C (Entry-level)
Web Development — PHP, Javascript, jQuery, CakePHP Framework, RoR (Entry-level), HTML, CSS
Databases — MySQL
Operative Systems — Windows, Ubuntu, Mac OSX
Source Control — Subversion, Git

INTERESTS

I am a tech and programing enthusiast that loves to learn new things every day. **Keep learning** and **innovating** are my passions and the things that motivate me to keep improving and delivering. I also love to try new technologies and see how a problem could be solved more efficiently with them. One of the fields that I like the most in Computer Science, besides programming, is **machine learning** - I really enjoy looking at the company's "**big data**" and try to identify **behavior patterns** and write some **data mining** scripts.

FORMAL EDUCATION

Bachelor of Computer Systems Science — Computer Science College of Sabadell (Spain), 2004 - 2008.
Bachelor of Computer Science Engineering — Autonomous University of Barcelona (Spain), 2008 - 2011.
Bachelor of Computer Science — Abroad Program - University of California, Santa Cruz, CA (USA), 2009 - 2010.

LANGUAGES

English - Fluent verbal and written — *Certificate in Advanced English (CAE)* & *TOEFL*
Catalan and Spanish — Native