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Profile

Computer engineer focused on web development and Linux system administration.
Constantly learning and improving in the areas of JavaScript, PHP and open-source software.

Education and Certifications

- Master's Degree in High Performance Web Programming, La Salle Campus, Ramon Llull University, Barcelona, expected 2016
- Engineer's Degree in Computer Engineering, La Salle Campus, Ramon Llull University, Barcelona, 2015
- CCNA Exploration: Network Fundamentals, La Salle Campus, Ramon Llull University, Barcelona, 2010

Technical Skills

Programming Languages	Technologies	Areas of Expertise
<ul style="list-style-type: none">• JavaScript• PHP• Shell Scripts• SQL• C• C++• Java (Android)• Objective-C (iOS)• Assembly (PIC)	<ul style="list-style-type: none">• Git, Subversion• CSS3• jQuery• RequireJS• DataTables• Highcharts• Zend Framework• Twitter Bootstrap• OpenGL	<ul style="list-style-type: none">• Web Development• Databases (MySQL, DB2)• System Administration (Unix/Linux, Windows)• Network Administration• Server Monitoring (IBM Tivoli)• Data Integration (Pentaho)• Software Documentation (UML, LaTeX)

Professional Experience

La Salle Campus, Teaching Assistant in Web Projects

Engineering university. Computer Engineering department.

Barcelona, Feb. 2013 - Sep. 2013 / Feb. 2014 - Sep. 2014 / Feb. 2015 - Sep. 2015

- Guided and evaluated students in the practical load of 3rd year subject Web Projects.
- Introduced students to current web developing techniques using PHP frameworks and version control.
- Helped students with the development of a web application as part of their group project.
- Participated in the drafting of the subject materials.

T-Systems Iberia, Intern

IT services and consulting. Automation & Tools department.

Barcelona, May 2013 - May 2014 / Oct. 2014 - Jun. 2015

- Developed intranet web applications that implied a noticeable performance improvement in some of the company departments.
- Reduced the time needed to analyze the server status and draft monthly reports on an estimation of 12 hours per month.
- Managed monitoring and data integration tools.
- Participated in the automation of monitoring agent installations through the development of shell scripts.

La Salle Campus, Teaching Assistant in Computer Programming 1

Engineering university. Computer Engineering department.

Barcelona, Sep. 2012 - Jun. 2013

- Guided students in the practical load of 1st year subject Computer Programming 1.
- Introduced students to the basics of computer programming using C language.
- Introduced students to the use of an operating system console and the Vim text editor.
- Helped students with the development in C of three small games, executed using a server console or graphical interface.

ITC-2, Technical Assistant

Systems engineering, telecommunications and electric power distribution. Documentation department.

Barcelona, Jul. 2009 - Aug. 2009

- Managed and redacted documentation for electrical network works.

Spark Ibérica, Technical Assistant

Electrical installations and telecommunications. Cartography department.

Barcelona, Jul. 2008 - Aug. 2008

- Digitalized documentation about the electric power distribution.
- Verified and updated cartographic documentation.

Languages

English - *Professional working proficiency*

Three years in language academy The English House.

Two month-long summer courses in international residence Trinity College, Dublin.

Spanish - *Native proficiency***Catalan** - *Native proficiency*