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Profile

Computer engineer focused on backend and frontend web development that, combined with an enthusiasm for Linux system administration, has resulted in a strong interest in DevOps.

Education and Certifications

- Essentials of System Administration Course (LFS201) (in progress), Linux Foundation
- Master's Degree in High Performance Web Programming (in progress), 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	<ul style="list-style-type: none">• Git, Subversion• Apache, Nginx• HTML5, CSS3• jQuery	<ul style="list-style-type: none">• Web Development• DevOps (Vagrant, Docker, Puppet, Amazon EC2)• Databases (MySQL, DB2)
Secondary: <ul style="list-style-type: none">• C• C++• Java (Android)• Objective-C (iOS)• Assembly (PIC)	<ul style="list-style-type: none">• RequireJS• Zend Framework• Twitter Bootstrap• OpenGL	<ul style="list-style-type: none">• System Administration (Unix/Linux, Windows, IT Security)• Server Monitoring (IBM Tivoli)
	Learning: <ul style="list-style-type: none">• Node.js (Koa)• React	<ul style="list-style-type: none">• Data Integration (Pentaho)• Software Documentation (UML, LaTeX)

Professional Experience

La Salle Open University, Adjunct Lecturer in Web Projects

Higher education university. E-learning Bachelor's Degrees.

Barcelona, Oct. 2015 - Present

- Taught on-site bachelor students in the 2nd year subjects Web Projects and Web Programming Environments.
- Introduced students to HTML5, CSS3 and the PHP language.
- Guided students in the setup of a development environment using Vagrant, Apache, MySQL and PHP.

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 engineering students in the practical load of 3rd year subject Web Projects.
- Introduced students to current web developing techniques using Apache, MySQL, 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 cross-browser intranet web applications that implied a noticeable performance improvement in some of the company departments.
- Reduced the time needed to analyze the servers 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 engineering 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

Spark Ibérica, Technical Assistant

Electrical installations and telecommunications. Cartography department.

Barcelona, Jul. 2008 - Aug. 2008

Languages

English - *Professional working proficiency*

Spanish - *Native proficiency*

Catalan - *Native proficiency*