Albert Hilazo Aguilera

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Profile

Computer engineer focused on Linux systems and both backend and frontend web development, a combination that has ended resulting in a strong interest for 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

- JavaScript
- PHP
- Perl
- Shell Scripts
- SQL

Secondary:

- C
- C++
- Java (Android)
- Objective-C (iOS)
- Assembly (PIC)

Technologies

- Git, Subversion
- Apache, Nginx
- HTML5, CSS3
- jQuery
- RequireJS
- Catalyst
- Zend Framework
- OpenGL

Learning:

- Node.js (Koa)
- React

Areas of Expertise

- Web Development
- DevOps (Vagrant, Docker, Puppet, Amazon EC2)
- Databases (MySQL, DB2)
- System Administration (Unix/Linux, Windows, IT Security)
- Server Monitoring (IBM Tivoli)
- Data Integration (Pentaho)
- Software Documentation (UML, LaTeX)

Professional Experience

CAPSiDE, Software Engineer

IT services and infraestructure. Development department.

Barcelona, Jan. 2016 - Present

La Salle Campus, Adjunct Lecturer in Web Projects

Engineering university. Computer Engineering department.

Barcelona, Oct. 2015 - Feb. 2016

- Teached and evaluated engineering students in the 2nd year subjects Web Projects and Web Programming Environments.
- Introduced students to HTML5, CSS3, JavaScript and PHP.
- Guided students in the setup and use of a development environment using Vagrant, Apache, MySQL and Git.

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 the 3rd year subject Web Projects.
- Introduced students to current web development 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 terminal and the Vim text editor.
- Helped students with the development in C of three small games, executed using a server command line or graphical interface.

Languages

English - *Professional working proficiency*

Spanish - *Native proficiency*

Catalan - *Native proficiency*