

# DANIELA ALEJANDRA TORRES FARÍA

OCTOBER 24, 1987  
CITIZENSHIP: VENEZUELAN



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## Academic Background

- **Universidad Simón Bolívar** — Sartenejas, Venezuela  
*Computer Engineering 2012*
  - **Specialization**
    - Network Services Management and Administration.
    - Software Engineering.
    - Computer graphics.
  - **Electives**
    - Special Topics in Computer Graphics: Making Video Games.
  - Dissertation title (Honorable Mention): A Web System for Map-based Search using spatial *Skyline* queries.
- **U.E. Colegio María Auxiliadora** — Caracas, Venezuela  
*High school graduate: 2003-2004*

## Training Courses

- 2007 Programming course in .NET environment. IBM (120 Hours)

## Languages

- Spanish (Mother Tongue).
- English.

## Work Experience

- **Universidad Simón Bolívar** — Sartenejas, Venezuela  
*Teacher: January 2012 - Present*
  - Teaching students on programming basics on a computer environment
  - Correction of assessments
- **Mastersavvy C.A.** — Altamira, Caracas, Venezuela  
*Developer: August 2011 - Present*
  - Development, management and maintenance of J2EE applications
  - Implementation of an additional module for the system 123pago
- **Laboratorio Docente de Computación** — USB, Sartenejas, Venezuela  
*Systems Administrator: April 2009 - December 2011*
  - Administration and maintenance of large number of networked GNU/Linux, Solaris, Windows machines, computer architectures x86, AMD64, SPARC and Alpha.
  - Massive installation of Debian by the administration of FAI servers.
  - Administration of: mail, DNS, web (Apache http y Tomcat), LDAP, CUPS, firewall, NTP, NFS, DHCP, Bacula, Nagios services and others.
  - Database Administration: Mysql, PostgreSQL.
  - Teacher of C and GNU/Linux courses.
  - General administration of computer networks.
  - Serve users of the diferent services of the laboratory.
  - Management of junior staff.

## Skills

- **Operating Systems Administration:** GNU/Linux (Red Hat, CentOS, Debian, Ubuntu, Gentoo and other), FreeBSD, Solaris 10, Windows.
- **Database Administration:** MySQL, PostgreSQL.
- **Network Services Management:** POSTFIX, MAILMAN, WEBMAIL, DNS, DHCP, NFS, LDAP, CUPS, SAMBA, Bacula, Nagios, Web Servers (Apache, Tomcat, Glassfish)
- **Computer Languages:** C, C++, Java, bash *shell scripting*, HTML, PHP, L<sup>A</sup>T<sub>E</sub>X, Ruby, Perl, Python, Haskell, Prolog, AWK, JSP, Matlab, R, PL/SQL.
- **Tools and software:** Bacula, Nagios, Subversion, TRAC, VIM, dia, MySQL, PostgreSQL, kile, OpenOffice, Microsoft Office, Maya, Render Monkey, Unreal UDK, Java RMI, OpenGL, J2EE, Qt4., PyQt, rpy
- Experience in developing Software Systems.
- Graphics Programming with OpenGL library, Basic Level.
- Realization of modeling, lighting, animation and rendering in Maya Software, Basic Level.

## Complementary

- Computer Engineering Conference - USB/UCAB, May 2008
- Development and installation of an Information System for the Sports Directorate of the Universidad Simon Bolivar, April 2009

## Interests

- Management of GNU/Linux and UNIX Systems.
- Computer Networks and Distributed Systems.
- Installation and Management of Network Services.
- Database Administration.
- Development of Operating Systems