

Victor González

Computer Science Civil Engineering
Student

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Education

- 2007 to present **Computer Science Civil Engineering**, *Universidad Técnica Federico Santa María (UTFSM)*, Valparaíso, Chile, *(in progress)*.
- 1994-2006 **Elementary and High School**, *Colegio Esperanza*, Quilpué, Valparaíso, Chile.

Experience

Vocational

- March 2013 to present **Software Development**, *Maintenance and development of web-based solutions for business, like stock control, POS systems and website-related development*, most of the work done in PHP, javascript, CSS over Apache Server with SSH access, SubRed EIRL Ltd.
<http://www.subred.cl/>
- May 2012 to May 2013 **Laboratory of Interdisciplinary Research on Astro-Engineering Research Assistantship**, *Maintenance and development of the ALMA LEGO Simulator project (ALMA means Atacama Millimeter/Submillimeter Array). Guidance and maintainance of TLego-Scope project.*, Most of the work was reviewing C++ code and documentation, Computer Systems Research Group (CSRG), UTFSM.
<http://twiki.csrg.cl/twiki/bin/view/ACS/LegoProjectIDI>
- March 2011 to November 2012 **ALMA-UTFSM Research Assistantship**, *Software development for the ALMA LEGO Simulator project. User interface design, development and implementation. Integration with the distributed computing framework ALMA Common Software*, the project involved Java, Python and C++(Qt) code over the ALMA Common Software framework, Computer Systems Research Group (CSRG), UTFSM.
<http://twiki.csrg.cl/twiki/bin/view/ACS/LegoProjectFsw>
- April 2010 to July 2011 **Project Member**, *Software development of a private CRM built in J2EE and Hibernate to meet academic-organization standards. Development of a private social website for UTFSM ex-students*, UTFSM Ex-Students Network.
<http://www.exalumnos.usm.cl/>

Internships

- December 2012 to March 2013 **Software Development and Research**, *Fork of the PHP framework Yii for organization needs. Fork of the OpenERP project for research of compatibility with local business. Development of web-based solutions for business*, SubRed EIRL Ltd.
<http://www.subred.cl/>

Miscellaneous

- 2009-2010 **Developer and co-founder**, *BBS/IB Bienvenido a Internet (Welcome to the internet). Software built in Python.*
<http://www.bienvenidoainternet.org/>

Languages

Spanish **Native**

Speaks, Reads, Writes, Technical and Colloquial

English **Gold TOEIC certification**

920 points: International Professional Proficiency

Computer Systems Skills

Programming Languages	C/C++, Python, J2EE, C#	Parallel Computing	CUDA (primitive), POSIX threads
Operating Systems	Linux Distributions, Windows XP and up	Miscellaneous	Numpy, R Project, Matlab, \LaTeX
System Administration	Apache, PHP, Git, SVN	Web Development	PHP, CSS3, MySQL, PostgreSQL, HTML5, Javascript (jQuery, JSON, AJAX)

Events Attendance

- 2012 **Quantum Information Processing**, *Short talks about the state-of-the-art on quantum computing*, Professor Dan Marinescu, University of Central Florida, Valparaíso, Chile.
<http://cci.inf.utfsm.cl/?p=399>
- 2012 **Cloud Computing**, *Short talks about the state-of-the-art on cloud computing*, Professor Dan Marinescu, University of Central Florida, Valparaíso, Chile.
<http://cci.inf.utfsm.cl/?p=399>
- 2011 **ENEI-CLI**, *Encuentro Nacional de Estudiantes de Ingeniería, Congreso Latinoamericano de Ingeniería*, International gathering of engineering students of South America, Tandil, Argentina.
<http://www.cefce.com.ar/?p=3154>
- 2011 **Encuentro Linux**, *National gathering of Linux users*, Presentation about the ALMA LEGO Simulator project and the ALMA Common Software integration, Puerto Montt, Chile.
<http://2011.encuentrolinux.cl/>

Honor and Awards

- Scholarships for Undergraduate Students in Chile (2007-2012) given by the “Ministerio de Educación de Chile (MINEDUC)”, due to good academic performance
- Innovation Award 2011 for the ALMA LEGO Project given by “International Institute for the Bussiness Innovation (3IE)”, UTFSM