

Victor González

Computer Science Civil Engineering
Student

Calle Del Copado #3170
Los Pinos, Quilpué, Chile

+56 9 88972537

+56 32 2829009

✉ victor.gonzalezro@gmail.com



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

- May 2014 **Web Development**, *Development of a lottery website with Cryptocurrencies support (Bitcoin and Dogecoin), where the user scratches a card and wins or loses a certain amount based on the deposit*, **Keywords:** PHP, Javascript, CSS3, Apache, Linux, SSH, HTML5 Canvas, Python and PIL libraries, **Employer:** Anonymous employer.
Demo: <http://doge.kinin.cl/> Future URL: <http://www.bitscratcher.com/>
- February 2014 to May 2014 **Software/Web Development**, *Development of web portal with reports and analytics of a national database of electricity variables for all the Banco Estado offices in Chile, and reports of live feed data*, **Keywords:** PHP, Javascript, CSS3, Apache, Linux, SSH, Python, Excel (xlrd Python module), Data Mining, **Employer:** Fundación Chile.
Demo: <http://dash.kinin.cl/>
- March 2013 to December 2013 **Software Development**, *Maintenance and development of web-based solutions for business, like stock control, POS systems and website-related development*, **Keywords:** PHP, Javascript, CSS3, Apache, Linux, SSH, **Employer:** 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.*, **Keywords:** C/C++, documentation, Qt4, **Employer:** 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*, **Keywords:** C/C++, Qt4, J2EE, Python, Bash, ALMA Common Software Framework, **Employer:** 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*, **Employer:** 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/>

April 2014 **Free Web Development For Animal Rescue**, *After a massive fire in Valparaíso, I offered my services to build a database of lost and needed pets.*
<http://www.emergencianimal.org/>

Languages

Spanish	Native	<i>Speaks, Reads, Writes, Technical and Colloquial</i>
English	Gold TOEIC certification	<i>920 points: International Professional Proficiency</i>

Computer Systems Skills

Programming	C/C++, Python, J2EE, C#	Parallel	CUDA (primitive), POSIX threads
O.S.	Linux Distros, Windows XP and up	Miscellaneous	Numpy, L ^A T _E X
SysAdmin	Apache, Git	WebDev	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

- Innovation Award 2011 for the ALMA LEGO Project given by “International Institute for the Business Innovation (3IE)”, UTFSM