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	**Software Development**, *Development of a lottery website with Cryptocurrencies support (Bitcoin and Dogecoin), where the user scratchs a card and wins or loses a certain ammount based on the deposit*, most of the work done in PHP, javascript, CSS over Apache Server with SSH access, image scratch effect made with Canvas, and dynamic image generation made with Python using PIL libraries. Demo: `http://doge.kinin.cl/` Future URL: `http://www.bitscratcher.com/`
February 2014 to May 2014	**Software 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*, most of the work done in PHP using Yii, javascript and CSS over an Apache Server with SSH access, some Excel modules for reports downloads and uploads were made in Python for better performance, Fundación Chile (`http://www.fundacionchile.com/`). Demo: `http://dash.kinin.cl/`
March 2013 to December 2014	**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 and CSS over an Apache Server with SSH access, SubRed EIRL Ltd. `http://www.subred.cl/`
May 2012 to May 2013	**Laboratory of Interdiciplinary 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 TLegoScope 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

- Innovation Award 2011 for the ALMA LEGO Project given by "International Institute for the Bussiness Innovation (3IE)", UTFSM