

Ignacio Villacura de la Paz

Computer Engineer

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My actual interest are focus on learning new technologies, digital entertainment, ecommerce and the back-end development of computer systems.

Personal information

Rut: 16.792.342-9

Date of birth: 19 de Enero 1988

Universidad: Universidad Técnica Federico Santa María, Valparaíso

Work experience

Today **Back-end Developer**, *Phineal SpA*, Santiago.

Programming systems on PHP used in solar energy.

2008 – 2014 **Assitantships**, *Computer science department*, UTFSM.

Computer lab, Programming class, Computer systems workshop.

2009 – 2013 **Developer and Design**, *USMGames*, UTFSM, Co-Founder of USMGames, a student initiative that research and develop videogames. It is part of the program of students initiatives (PIE>A). My work was to design and develop new ideas on python or XNA engine..

<http://usmgames.cl>, <http://www.piea.usm.cl>

2010 **Proyect Leader**, *PIE>A*, UTFSM.

In charge of the project: “*Proyecto de investigación en ARM para la creación de micro-computadores*”. This project research an developed small project using a ARM system (BeagleBoard). We developed a multimedia center, a real time information system for emergencies.

2011 – 2013 **Assitant for Python programming language course**, *Laboratory of Interdisciplinary Research in Astro Engineering (LIRAE)*, UTFSM, <http://www.lirae.cl>.

In charge of the corrections on the assignmets given to the students from the Atacama Large Millimeter/submillimeter Array (ALMA).

2015 **Trainee**, *Tinet Soluciones Informáticas S.A.*, Valparaíso, <http://www.tinet.cl>.

Course “*Aplicación del lenguaje de programación java estandar*”. Course that teach about the developing in Java JEE for enterprise applications.

Interest

Videogames Design and develop. I like the use of videogames in daily life situation.

Gamification Use the various elements from de design of videogames on non-game context.

E-commerce Implement ecommerce systems for small business.

Web development Learn new web technologies.

Languages

English **Advance**

TOEIC 935 2012

Computer Skills

Programming C, JEE, Python, PHP

Repositories Git, SVN

Recomendations

Horst von Brand, *Professor, Computer Science Department*, UTFSM, vonbrand@inf.utfsm.cl.

Cecilia Reyes, *Professor, Computer Science Department*, UTFSM, reyes@inf.utfsm.cl.

Publications

- [1] Arturo A. Hoffstadt, Cristián D. Maureira, Sergio A. Morales, Gabriel A. Zamora, Ignacio J. Villacura, and Horst H. von Brand. Construcción de un sistema operativo auto-arrancable para rescate de sistemas dañados. *XX Encuentro Chileno de Computación, Jornadas Chilenas de Computación*, 2008.