**Paulina Andrea Silva Ghio**

**Software Engineer**

pasilvagh@gmail.com mobile number +56 9 7901 0117

<https://github.com/pasilvagh>

<https://cl.linkedin.com/in/paulina-silva-90811561>

**EDUCATION**

Universidad Técnica Federico Santa María, Casa Central

B.S. in Computer Science (Ingeniería Civil Informática)

Graduated in November 2015

Universidad Técnica Federico Santa María, Casa Central

M.S. in Computer Science (Magister en Ciencias de la Ingeniería Informática)

Expected graduation date: 2016 July.

**WORK EXPERIENCE**

2015/03 - Present TacPat4SS Project

Research Assitant

Research about software methodologies for making secure software within the stages of the software development process. Systematic Mapping papers (2) done with Experimental Software Engineering methodologies to help main research.

2014/01 - 2014/3 Mosaq Consultores Ltda.

Software Developer

Frontend and Backend developer for a Event Management System using Microsoft's WFC Framework, SQL Server 2008 R2, C#, Visual Basic, Backbone.js, jQuery and other technologies. Site link: www.mosaq.com

2011/01 – 2011/3 Red de Ex-alumnos USM

Software Developer

Frontend and Backend developer in Accounting Web Service for "Red de Ex-alumnos USM” (Graduate School Office) using Java (GlassFish server), Javascript and SQL Server 2008. Site link: http://www.exalumnos.utfsm.cl/

**MAJOR SCHOOL PROJECTS**

2011 - 2012 Videogame developed by Bullet Will for the Software Fair 2012 - "Feria de Software 2012", sponsored mainly by UTFSM. In charge of Implementing C# wrapper for Pattern Recognition (NyARToolKit) on XNA 4.0 Framework. Crafting of: cards for recognition patterns, Stand to display in the Fair, Booklet of the project.

**TECHNICAL SKILLS**

Programming Languages: C/C++/C# (3 years), Java (2 years), Python (2 years) and others languages (less than 1 year)

Web development: HTML, CSS, Javascript, XML (2 year)

Platforms: Windows 7 (user) and Linux (administrator)

RDBMS: SQL Server 2005 (3 months) and 2008 R2 (3 months), MySQL (1 year), PostgreSQL (6 months)

Frameworks: XNA 3.5 and 4.0, Visual Studio 2008, 2010, 2012, 2013, Microsoft's WCF.

Applications: Microsoft Excel 2013 (macros), Adobe Photoshop (amateur)

**AWARDS AND LEADERSHIP**

Honor Roll UTFSM (2009, 2010 and 2011)

Microsoft Prize in Software Fair 2012 - "Feria de Software 2012" UTFSM, Education and

Entertainment category. Software name: "Realidad Alfa" - Alpha Reality, by "Bullet Will"

**LANGUAGES**

English: TOEFL ITP License B2 (Score: 563), December 2014.

Japanese: JLPT N5 (2012) and N4 (2013).

Italian: Learned in High School. Listening – Medium, Written and Spoken - Basic

Spanish: Native.