

Paulina Silva

Software Engineer

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Personal Information

Name	Paulina Andrea Silva Ghio	Birthday	August 21, 1989
R.U.T	17353242-3	Civil Status	Single
Nationality	Chilean		
School	Scuola Italiana Arturo dell'Oro Valparaíso (2007)	College	Universidad Técnica Federico Santa María, Valparaíso. Bachelor of Science (2013). Bachelor's Degree in Software Engineering (2015). Master in Software Engineering (currently).

Technical Summary

Programming Languages	C, C++, C#, Java, Python, Bash	IDE	Eclipse, Microsoft Visual Studio 2008/2010/2012
Web	HTML5, CSS3 and Javascript	Database	MySQL, PostgreSQL, SQL Server 2008
Operating Systems	Linux, Windows 7/8	Object-Oriented Design	UML, Design Patterns, Misuse Patterns, Security Patterns

Area of Study Software Development, Secure Software Architecture and Design, Distributed Systems, Computer Networking.

Projects

TacPat4SS, FONDECYT, (March 2015 - Today).

- Area related: Software Engineering, Software Development, Secure Software Design and Architecture.
- Paper: "Software Development Initiatives to Identify and Mitigate Security Threats – A Systematic Mapping".

"Alpha Reality" - "Realidad Alfa" Project, Videogame for Software Fair - "Feria de Software", sponsored by UTFSM (2011 - 2012).

- Implementing C# wrapper for Pattern Recognition (NyARToolKit) with XNA 4.0 Framework.
- Interface Design of the Videogame.
- Crafting of cards for recognition patterns

Laboral Experience

Jan 2014 – Mar 2014	Software Developer (Internship) , Mosaq Consultores Ltda, San Sebastián 2807 Of. 212. Las Condes, Santiago.
Jan 2011 – Mar 2011	Software Developer (Internship) , Software Development Team in UTFSM Graduate School Office.
2008 – 2015	Class and Laboratory Assistant , Courses: Informatics Foundation, Computer Networking, Management Systems. Laboratories: "Laboratorio de Computación" (DI UTFSM), "Laboratorio de Integración Tecnológica" (DI UTFSM). For more information see LinkedIn webpage (URL at the top of this document).
2008 – 2010	Assistant in Ciclo de Charlas Informáticas , "Departamento de Informática".
October 2009	Assistant , Linux Conference sponsored by UTFSM (2009).

Skills

Languages Spanish (Native), English (Certificated by **TOEFL ITP** 2014), Japanese (Certificated by **Japanese Language Proficiency Test** 2013, level N4), Italian (Basic)