

Jorge Cristian Henríquez Tolhuysen

*Electronics Engineer from The Federico Santa María Technical University with
Specialization in Communications and Digital Systems.
Accountant and Auditor from The Technological University of Chile INACAP*

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Degrees		
Electronics Engineering	1989-1994	The Federico Santa María Technical University, Valparaíso, Chile
Accounting and Auditing	2013-2016	Technological University of Chile INACAP, Osorno, Chile (not graduated)

Certifications		
Sun Microsystems	2006	Sun Certified Java Programmer with 88% score.

Working Experience		
FACILITY CONSULTANTS GmbH	2021-2025	Independent consultant, Developed a PHP Class that takes an AutoCAD DWG 2D File and outputs SVG. Developed a JavaScript library that takes a BIM file and outputs a 3D rendering, both are used in the same website (https://www.get-fm.de).
ALVAREZ & ASSOCIATES	2021-2025	Independent consultant, Developed a Windows Desktop Application, written in C#, that does web scraping from an ERP and outputs on screen and in excel files, Balance Sheets and Income Statements.
STRATEX	2021-2025	Independent consultant, Developed an Excel Plugin, written in C#, to Unattendedly Import and Merge Text Files.
KHIPU SpA	2021-2024	Senior Software Engineer (IntelliJ, JAVA, Postgresql, Terraform, IBM Cloud, Docker)
COMCIENCIA INFORMATICS	2019-2021	Senior Full Stack Developer, for the software S-Verein (https://www.s-verein.de), COMCIENCIA is a German Owned Chilean Based Company. (PHP/ORACLE/MYSQL/MARIADB/PHPStorm/Youtrack/SVN/GIT/LINUX/AWS)
SERVIMAQ	2010-2021	Independent consultant, Windows/SQL Server configuration and administration. Watchguard Firewall Administration. Software development (GENEXUS/VB.NET/JAVA)
TRUCAO BERRIES	2003-2021	Independent consultant, Windows/SQL Server configuration and administration. Watchguard Firewall Administration. Software development (VB.NET/JAVA)
INTEGRA	2013-2021	Independent consultant, Windows/SQL Server configuration and administration. Watchguard Firewall Administration.
RAAC HIGH SCHOOL	2016-2017	Teacher for Networking and Communications Subjects.
TERRAGRÍCOLA	2003-2011	Independent consultant, Windows/Netware/Linux Server configuration and administration. Watchguard Firewall Administration.
AUSTRAL UNIVERSITY OF CHILE	2008-2009	Assistant Professor for office-related subjects in Medicine School. Software Development (VB.NET/FLEX)
NATIONAL INSTITUTE FOR CAPACITATION (INACAP)	2005-2006	Teaches various courses for Informatic Engineers in the Osorno and Puerto Montt venues.
LOS LAGOS UNIVERSITY	2004-2005	Teaches various courses for Informatic Engineers in the Osorno and Puerto Montt venues.
SINGA	2003-2005	Project Leader and Senior Developer for the SIPP Project Marine Harvest Puerto Montt (GENEXUS)

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<i>Working Experience</i>		
INNOVA CHILE	2003	Field Technician
NATIONAL INSTITUTE FOR CAPACITATION (INACAP)	2002	Teaches various courses for Informatic Engineers in the Osorno Campus.
LOS LAGOS UNIVERSITY TECHNOLOGICAL CAMPUS	2001-2002	Teaches various courses for Informatic Technicians in the Osorno Campus.
NATIONAL TELEPHONE COMPANY	1999-2002	Project Engineer
LOS LAGOS UNIVERSITY CDI CAMPUS	1997-1998	Teaches various courses for Informatic Engineers in the Osorno Campus.

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Technical Knowledge	
Programming Languages	Machine Language 6502, Assembly 6502/8086, C, C++, C#, JAVA, JAVASCRIPT, VB.NET, PHP
Operating Systems	Linux, Windows, MacOS
Database Servers	Microsoft SQL Server, Oracle SQL Server, MySQL Server, MariaDB Server, PostgreSQL
IDE	Visual Studio, Visual Studio Code, PHP Storm, Android Studio
CVS	SVN, GIT, GITHUB, BITBUCKET
KANBAN	Jira
Tickets	YOUTRACK
Firewalls	Watchguard, Fortinet, Ubiquity, PFSense
Networking	Ethernet, WIFI and TCP

Relevant Experience (Software Name, Years, Description)		
SIPOS	2013-2018	Software development and TRANSBANK debit/credit card terminal integration for their product INTEGRATED POS with a WEB System. Developed for VITAMINA WORK LIFE, Santiago, Chile. Position: Analyst and Developer. Tool: Visual Studio 2017, VB.NET, ASP.NET Duties: Analysis, Design and Development.
SIDTE	2013-2018	System development and Integration of MANAGER ERP and a third party Electronic Tax Document (DTE) software. Developed for SERVIMAQ S.A. , Osorno, Chile. Position: Analyst and Developer. Tools: Visual Studio 2017, VB.NET, ASP.NET Duties: Analysis, Design and Development.
SIP	2012-2018	System development for a blueberries packing plant, integrating static scales and third party software, ending with an autonomous system. Developed for TRUCAO BERRIES, Rio Negro, Chile. Position: Analyst and Developer. Tools: Visual Studio 2019, VB.NET, ASP.NET Duties: Analysis, Design and Development.
KODAWARI	2011-2018	Development, maintenance and evolution of a stock control and appointment keeping software for the KODAWARI certification fulfillment for TOYOTA dealers. Developed for SERVIMAQ S.A. , Osorno, Chile. Position: Analyst and Developer. Tools: Genexus 9, VB6. Duties: Analysis, Design and Development.

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<i>Relevant Experience (Software Name, Years, Description)</i>			
SIC	2003-2018	Development, maintenance and evolution of an integrated Windows/Android system for the field information collection for the blueberries harvesting, utilizing Honeywell Data Terminals, Samsung Cellphones and a Payroll System. Developed for TRUCAO BERRIES, Rio Negro, Chile. Position: Analyst and Developer. Tools: Visual Studio 2017, VB.NET, Android Studio, Java. Duties: Analysis, Design and Development.	
SIRC	2015-2016	Development of a Windows/Android integrated system for the field information collection of petrol expenditures and its corresponding Electronical Tax Documents emitted through a third party software. Developed for the HARR Building company, Osorno, Chile. Position: Analyst and Developer. Tools: Visual Studio 2017, VB.NET, Android Studio, Java. Duties: Analysis, Design and Development.	
SIFLEX	2016	Data extraction software development for the accounting balance sheet upon the data entered in FLEXLINE ERP. Developed for Salmones Caleta Bay, Osorno, Chile. Position: Analyst and Developer. Tools: Visual Studio 2017, VB.NET. Duties: Analysis, Design and Development.	
SIPP	2003-2005	Development for the production control software for salmon processing plants, integrating communication with static and dynamic scales, for the raw matter caliper sorting, finished product and packing registration as for the Honeywell data collecting terminals. Developed for Marine Harvest, Puerto Montt, Chile. Position: Analyst and Developer. Tools: Visual Studio 2017, VB.NET. Duties: Analysis, Design and Development.	