

# JORGE CRISTIAN HENRÍQUEZ TOLHUYSEN

**Electronics Engineer from The Universidad Técnica Federico Santa María**  
**Accountant and Auditor from The Universidad Tecnológica de Chile, INACAP**

*Cell phone: +56 9 4119 1371, E-Mail Address: jorge.henriquez@me.com*

## 1 Technical Skills

Desktop and Servers O.S. Installation and configuration, Network and related services configuration, TCP/IP Advanced management, Multiple languages Software Development.

## 2 Personal Traits

Loyal, Analytic, Proactive, Highly motivated, collaborative, confident, adaptable to change, and a quick learner.

## 3 Studies/Education

- From 1989 to 1994, **Electronics Engineering**, Degree obtained at The **Universidad Técnica Federico Santa María** in Valparaíso, Chile, Teaching assistant for Computer Programming (Pascal) and Telephony courses.
- From 2013 to 2016, **Accounting and Auditing**, All subjects approved, no degree obtained, Missing professional internship, studies at the **Universidad Tecnológica de Chile, INACAP**, recognized for two consecutive years as the top student in the Administration and Business program.

## 4 Certifications

- 2006, Sun Certified Java Programmer from Sun Microsystems, with 88% score.

## 5 Work Experience

- 2026, at **ALVAREZ & ASOCIADOS S.p.A.** as Independent Consultant, Migrates a Windows Desktop application written in C#, with .Net Framework 4.78 and using Windows Forms to a version with .Net 8.0 and WinUI 3.

**Related Technologies:** *Visual Studio Professional 2026, C#, .Net 8.0, WinUI 3, Html, Javascript, Css.*

- From 2021 to 2025, at **FACILITY CONSULTANTS GmbH** as Independent Consultant, Developed a PHP Class that takes a 2D AutoCAD DWG file and generates SVG code. Programmed a JavaScript Library that accepts a BIM file and produces a 3D rendering of it, both are used on the same website.

**Related Technologies:** *Visual Studio Code, Php, Javascript, Typescript, Tailwindcss, Threejs.*

- From 2021 to 2025, at **ALVAREZ & ASOCIADOS S.p.A.** as Independent Consultant, Built a Windows Desktop application written in C# that performs web scraping on an ERP and generates Balance Sheets and Income Statements on screen and Excel files.

**Related Technologies:** *Visual Studio Professional 2022, Webscraping, C#.*

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- From 2021 to 2025, at **STRATEX CONSULTORES** as Independent Consultant, Programmed an Excel Add-in written in C# to Import and Merge Text Files unattended.

**Related Technologies:** *Visual Studio Professional 2022, Excel Integration, C#.*

- From 2021 to 2024, at **KHIPU S.p.A.** as Senior Software Engineer in the backend area.

**Related Technologies:** *IntelliJ, Java, Postgresql, Bitbucket, Git, Terraform, IBM Cloud, Docker.*

- From 2019 to 2021, at **COMCIENCIA INFORMÁTICA S.p.A.** as Senior Full Stack Developer, for the software S-Verein, COMCIENCIA is a Chile-based company with German ownership.

**Related Technologies:** *Php, Oracle DB, Mysql DB, Maria DB, PhpStorm, Youtrack, Svn, Git, Linux, Aws.*

- From 2010 to 2019, at **SERVIMAQ S.A.** as Independent Consultant, Configuring and Administering Windows Server and SQL Server. Administering Watchguard Firewall and Developing Software.

**Related Technologies:** *Windows Server, Ms Sql Server, Firewall Watchguard, Genexus, Visual Basic .NET, Java*

- From 2003 to 2025, at **TRUCAO BERRIES** as Independent Consultant, Configuring and Administering Windows Server, SQL Server and Softland ERP. Administering Watchguard Firewall. Developing Software.

**Related Technologies:** *Windows Server, Ms Sql Server, Softland Erp, Firewall Watchguard, Visual Studio Professional, Visual Basic .NET, Android Studio, Java.*

- From 2013 to 2021, at **INTEGRA CHILE** as Independent Consultant, Configuring and Administering Windows Server and SQL Server. Administering Watchguard/Fortinet Firewall.

**Related Technologies:** *Windows Server, Ms Sql Server, Firewall Watchguard, Firewall Fortinet.*

- From 2016 to 2017, at **LICEO R.A.A.C.** as Teacher for Network and Communications courses.

- From 2003 to 2011, at **TERRAGRICOLA** as Independent Consultant, Configuring and Administering Windows/Netware/Linux Servers. Administering Watchguard Firewall.

**Related Technologies:** *Windows Server, Novell Netware, Linux, Firewall Watchguard.*

- From 2008 to 2009, at **UNIVERSIDAD AUSTRAL DE CHILE** as Assistant Professor for courses related to MS Office at the School of Medicine. Software development.

**Related Technologies:** *Visual Studio Professional, Visual Basic .NET, Adobe FLEX.*

- From 2005 to 2006, at **INACAP** as Professor in several courses for the Computer Engineering program at the Osorno and Puerto Montt campuses.

- From 2004 to 2005, at **UNIVERSIDAD DE LOS LAGOS** as Professor in several courses for the Computer Engineering program at the Osorno and Puerto Montt campuses.

- From 2003 to 2005, at **SINGA S.A.** as Project Leader and Senior Developer for the SIPP project of Marine Harvest Puerto Montt.

**Related Technologies:** *GENEXUS generating Visual Basic 6.0 code.*

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- In 2003, at **INNOVA CHILE** as Field Technician for ESSO fuel stations.
- In 2002, at **INACAP** as Professor in several courses for the Computer Engineering program at the Osorno campus.
- From 2001 to 2002, at **TECNÓLOGICO DE LA UNIVERSIDAD DE LOS LAGOS** as Professor in several courses for the Computer Technician program.
- From 1999 to 2002, at **TELEFÓNICA DEL SUR** as Project Engineer for the Commercial Area, Osorno Zone.
- From 1997 to 1998, at **CDI DE LA UNIVERSIDAD DE LOS LAGOS** as Professor in several courses for the Computer Engineering program.

## 6 Software Development relevant experience

- In 2026, Migrates application written in C#, using .Net Framework 4.78 and Windows Forms to .Net 8.0 and WinUI 3.

**Software Name:** **SICE.NEXT.**

**Developed for:** *ALVAREZ & ASOCIADOS S.p.A., Osorno, Chile.*

**Position:** *Analyst and Developer.*

**Tools:** *Visual Studio 2026, C#, .Net 8.0, WinUI 3, WebView, Excel, Ceres ERP.*

**Duties:** *Analysis, Design and Development.*

- From 2021 to 2025, Development of a PHP class for the conversion of AutoCAD DWG files to SVG data, Development of a JavaScript library for the conversion of BIM files to IFC format and their subsequent 3D rendering.

**Software Name:** **GETFM.**

**Developed for:** *FACILITY CONSULTANTS GmbH, Nufringen, Germany.*

**Position:** *Analyst and Developer.*

**Tools:** *Visual Studio Code, Php, Javascript, Tailwindcss.*

**Duties:** *Analysis, Design and Development.*

- From 2021 to 2025, Development of Windows software that performs web scraping on a web-based ERP system and generates accounting Balance Sheets and Income Statements in customized formats.

**Software Name:** **SICE.**

**Developed for:** *ALVAREZ & ASOCIADOS S.p.A., Osorno, Chile.*

**Position:** *Analyst and Developer.*

**Tools:** *Visual Studio 2019-2022, C#, Excel, Ceres ERP.*

**Duties:** *Analysis, Design and Development.*

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- From 2021 to 2025, Development of an Excel add-in that allows importing Purchase, Sales and Fees Books generated by SAP.

**Software Name:** EXAISTRATEX.

**Developed for:** STRATEX CONSULTORES, Osorno, Chile.

**Position:** Analyst and Developer.

**Tools:** Visual Studio 2019-2022, C#, Excel.

**Duties:** Analysis, Design and Development.

- From 2013 to 2018, Software development and integration with TRANSBANK terminals for debit/credit card readers for its INTEGRATED POS product with a WEB system.

**Software Name:** SIPOS.

**Developed for:** VITAMINA WORK LIFE, Santiago, Chile.

**Position:** Analyst and Developer.

**Tools:** Visual Studio 2012-2017, Visual Basic .NET, ASP .NET.

**Duties:** Analysis, Design and Development.

- From 2013 to 2018, Software development and integration of MANAGER ERP with third-party software for the issuance of electronic tax documents (DTE).

**Software Name:** SIDTE.

**Developed for:** SERVIMAQ S.A., Osorno, Chile.

**Position:** Analyst and Developer.

**Tools:** Visual Studio 2012-2017, Visual Basic .NET, Xml, Dte

**Duties:** Analysis, Design and Development.

- From 2012 to 2018, Development of a system for a blueberry packing plant, integrating static scales/weighbridge and third-party software, culminating in an autonomous system.

**Software Name:** SIP.

**Developed for:** TRUCAO BERRIES, Rio Negro, Chile.

**Position:** Analyst and Developer.

**Tools:** Visual Studio 2012-2019, Visual Basic .NET, Rs-232, Tcp-IP

**Duties:** Analysis, Design and Development.

- From 2011 to 2018, Development, maintenance and evolution of software for stock control and appointment scheduling to comply with KODAWARI certification for TOYOTA dealerships.

**Software Name:** KODAWARI.

**Developed for:** SERVIMAQ S.A., Osorno, Chile.

**Position:** Analyst and Developer.

**Tools:** Genexus 9, Visual Basic 6

**Duties:** Analysis, Design and Development.

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- From 2003 to 2018, Development, maintenance and evolution of an integrated Windows/Android system for field data collection for blueberry harvesting, using Honeywell data terminals, Samsung mobile phones and a payroll payment system.

**Software Name: SIC.**

**Developed for:** TRUCAO BERRIES, Rio Negro, Chile.

**Position:** Analyst and Developer.

**Tools:** Visual Studio 2002-2017, Visual Basic .NET, Android Studio, Java, Honeywell Terminals, Windows Embedded, Samsung Mobile Phones, Barcodes, QR Codes, Zebra Printers

**Duties:** Analysis, Design and Development.

- From 2015 to 2016, Development of an integrated Windows/Android system for field data collection of petroleum dispatches and the issuance of the corresponding electronic tax document generated through the automation of third-party software.

**Software Name: SIRC.**

**Developed for:** CONSTRUCTORA HARR S.A., Osorno, Chile.

**Position:** Analyst and Developer.

**Tools:** Visual Studio 2012-2015, Visual Basic .NET, Android Studio, Java, Transtecnia Accounting, Tcp-IP

**Duties:** Analysis, Design and Development.

- In 2016, Software for data extraction for Accounting Balance Sheets from data entered in FLEXLINE ERP.

**Software Name: SIFLEX.**

**Developed for:** SALMONES CALETA BAY, Osorno, Chile.

**Position:** Analyst and Developer.

**Tools:** Visual Studio 2015, Visual Basic .NET, ERP Flexline

**Duties:** Analysis, Design and Development.

- From 2003 to 2005, Development of software for production control of salmon processing plants, integrating communication with static and dynamic scales for calibration of raw material, finished product and packaging records, as well as for Honeywell data collection terminals.

**Software Name: SIPP.**

**Developed for:** MARINE HARVEST, Puerto Montt, Chile.

**Position:** Analyst and Developer.

**Tools:** Genexus 9, Visual Basic 6, Rs-232, Honeywell Terminals, Windows Embedded, Barcodes, Zebra Printers

**Duties:** Leadership, Analysis, Design and Development.