

# Gonzalo Suárez

SOFTWARE DEVELOPER · UNITY CERTIFIED PROFESSIONAL · C#, JAVASCRIPT, SQL

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*“Placed in between organisations and technology, I am committed and enthusiastic in what I do. Driven by great challenges and learning opportunities, I look forward to combining technical knowledge with interpersonal skills.”*

## Summary

Equipped with a Master's degree in Human Interface Technology and a Bachelor's degree in Psychology, I am an experienced Software Developer passionate about crafting interactive applications and immersive technologies that provide users with a unique experience. With a strong foundation in computer science, a user-centred approach, and a keen eye for detail, I strive to deliver solutions that meet and exceed expectations.

## Work Experience

### Vitatrons / Freelancer

Christchurch, New Zealand

SOFTWARE DEVELOPER

Aug. 2020 - Present

- Full Stack development of web applications using C#, JavaScript, SQL, CSS and Bootstrap
- Developed immersive virtual and mixed-reality applications designed to simulate and evaluate diverse real-world scenarios
- Optimised mobile applications to ensure peak performance, delivering the best possible user experience
- Designed, developed, and maintained robust, reusable, and efficient coding architecture
- Successfully addressed performance bottlenecks and bugs by employing profiling tools and automated testing with C# NUnit and MSTest
- Collaborated in agile development teams to provide iterative solutions and meet project milestones

### Hellers Ltd.

Christchurch, New Zealand

TRAINING AND DEVELOPMENT PROFESSIONAL

Jul. 2016 - Apr. 2020

- Led the end-to-end development life cycle of interactive e-learning solutions, meeting stakeholder expectations
- Enhanced digital product efficiency and scalability through DevOps best practices, architectural patterns, and learning design principles
- Collaborated with cross-functional teams to successfully integrate digital content into web applications using HTML, CSS, JavaScript, and Java
- Conducted comparative analysis to evaluate the impact on user behaviour, guiding the development of new features and fixes
- Developed proof-of-concept prototype applications to showcase functionality and gather feedback for evaluation purposes using the Unity engine and C#
- Tested, maintained, and recommended optimisations to ensure a robust integration with internal and external systems

### Entel S.A.

Santiago, Chile

LEARNING EXPERIENCE DESIGNER

Dec. 2013 - May. 2014

- Designed and developed customer service training programs across various regional departments
- Collaborated with subject matter experts, technical writers, and trainers to deliver effective digital solutions
- Managed e-learning modules and training records using a Learning Management System (LMS)

### Componente Humano Consultants

Santiago, Chile

TALENT DEVELOPMENT SPECIALIST

Jul. 2013 - Dec. 2013

- Fostered strong cross-functional collaboration to achieve development goals
- Analysed corporate data, generating reports for process optimisation and strategic decision-making
- Collaborated on developing and implementing team-building strategies, improving productivity across organisations

### HR Consultant Chile Group Companies

Santiago, Chile

DIGITAL DEVELOPER

Jan. 2013 - Dec. 2013

- Developed and implemented online learning experiences, aligning content with learning objectives and user needs
- Applied psychological principles to improve user experience (UX) via intuitive interfaces and consistent design patterns
- Improved staff productivity using interactive role-playing dynamics and gamified digital learning scenarios
- Conducted regular usability tests, refining designs based on user feedback

### Arbol de Vida / Psicología Global

Santiago, Chile

PSYCHOLOGIST

Jun. 2012 - May. 2014

- Designed and facilitated interactive workshops leveraging principles for effective learning and user engagement
- Employed digital platforms for psychodiagnostic assessments, ensuring accurate evaluations and data-driven insights
- Optimised communication channels to foster collaboration among multidisciplinary teams and social networks

## Education

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### University of Canterbury

MASTER'S DEGREE IN HUMAN INTERFACE TECHNOLOGY

- Final project: "Evaluating Virtual Human Role-Players for the Practice and Development of Leadership Skills"

Christchurch, New Zealand

Feb. 2019 - Mar. 2020

### Universidad del Pacifico

BACHELOR'S DEGREE IN PSYCHOLOGY

- Final project: "A Journey of Change and Transformation in Humanistic-Transpersonal Psychotherapy in a Patient Diagnosed with Panic Attacks"

Santiago, Chile

Feb. 2007 - Feb. 2012

## Courses & Certifications

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2023	<b>CS50's Introduction to Computer Science</b> , HarvardX	Christchurch, NZ
2021	<b>Unity Certified Professional: Programmer</b> , Pearson VUE	Christchurch, NZ
2021	<b>Unity Certified Professional: Artist</b> , Pearson VUE	Christchurch, NZ
2018	<b>The Situational Leadership®II Experience™</b> , Blanchard New Zealand	Christchurch, NZ
2017	<b>NZQA National Certificate in Occupational Health and Safety Level 3</b> , Competenz	Christchurch, NZ
2017	<b>International English Language Testing System (IELTS)</b> , Ara Centre	Christchurch, NZ
2017	<b>Training Operators and Instructors of Powered Industrial Lift Trucks</b> , Crown	Christchurch, NZ
2016	<b>First Move, competent enforcer to prevent injuries at work</b> , Provention	Auckland, NZ
2016	<b>Articulate Storyline 2 Virtual Training Expert Level</b> , B Online Learning	Christchurch, NZ
2013	<b>Strategic Analysis of Text and Signature</b> , INGPEC	Santiago, CL
2012	<b>Codification and Interpretation of Lüscher and Zulliger (Psychometric Tests)</b> , SELCAP	Santiago, CL
2012	<b>Recruitment Based on Competency Model</b> , SELCAP	Santiago, CL
2011	<b>Integral Development for Individual and Groups</b> , Universidad del Pacifico	Santiago, CL

## Skills

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<b>Programming</b>	C, C#, Java, JavaScript, TypeScript, Python, HTML, CSS, SQL, .NET Technologies, Flask, Django, React, Bootstrap
<b>Devices</b>	HTC Vive, Meta Quest, Microsoft HoloLens, Stereo Camera, 360-Degree Camera
<b>Tools</b>	Unity3D, Version Control (Git, Unity DevOps), Jira, Autodesk Maya, Blender, Adobe Creative Cloud, Articulate 360
<b>Interpersonal</b>	Communication, Creative Thinking, Leadership, Entrepreneurship, Self-Motivation, Teamwork and Collaboration
<b>Languages</b>	English, Spanish

## Publications

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- Suárez, G., Jung, S., and Lindeman, R. W. (2021). Evaluating virtual human role-players for the practice and development of leadership skills. *Frontiers in Virtual Reality* 2, 31. doi:10.3389/frvir.2021.658561.

## Additional Information

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<b>Portfolio</b>	Available on <a href="http://www.gosuarez.com">www.gosuarez.com</a>
<b>References</b>	Available upon request
<b>Travelling</b>	New Zealand and Chilean passports