

Gonzalo Suárez

SOFTWARE DEVELOPER · UNITY CERTIFIED PROFESSIONAL · AWS, 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

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

2024	AWS Certified Cloud Practitioner , Pearson VUE	Christchurch, NZ
2023	CS50's Introduction to Computer Science , HarvardX	Christchurch, NZ
2021	Unity Certified Professional: Programmer , Pearson VUE	Christchurch, NZ
2021	Unity Certified Professional: Artist , Pearson VUE	Christchurch, NZ
2018	The Situational Leadership®II Experience™ , Blanchard New Zealand	Christchurch, NZ
2017	NZQA National Certificate in Occupational Health and Safety Level 3 , Competenz	Christchurch, NZ
2017	International English Language Testing System (IELTS) , Ara Centre	Christchurch, NZ
2017	Training Operators and Instructors of Powered Industrial Lift Trucks , Crown	Christchurch, NZ
2016	First Move, competent enforcer to prevent injuries at work , Provention	Auckland, NZ
2016	Articulate Storyline 2 Virtual Training Expert Level , B Online Learning	Christchurch, NZ
2013	Strategic Analysis of Text and Signature , INGPEC	Santiago, CL
2012	Codification and Interpretation of Lüscher and Zulliger (Psychometric Tests) , SELCAP	Santiago, CL
2012	Recruitment Based on Competency Model , SELCAP	Santiago, CL
2011	Integral Development for Individual and Groups , Universidad del Pacifico	Santiago, CL

Skills

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

Publications

- 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

Portfolio	Available on www.gosuarez.com
References	Available upon request
Travelling	New Zealand and Chilean passports