

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | |  | Giacomo Vanni  Software Developer |  Profile Passionate and motivated software developer based in Florence with 4 years of professional experience developing with C# and Unity on Android, iOS, Microsoft Hololens2, HTC Vive and Oculust quest 2  I am interested in all kinds of technologies, in particular everything regarding Shaders, Videogames, AR/VR/XR, and AI.  I think the best part of our job is to find a new problem to solve and nothing gratifies me more than doing it. Employment HistorySenior Unity Developer - Head of Immersive team, IQUII, Remote March 2023 — Present  I am currently leading the Immersive Technologies division of IQUII.  We are currently working with the latest AR/VR/MR technologies in a B2B environment in order to provide the best product for our customers. Software Developer (Unity -VR), Hegias AG, Lugano August 2022 — March 2023  I am working on an automated and browser-based content management system (CMS) solution for visualizing and communicating with virtual reality (VR) for the construction and real estate industry.  Focus on:  VR, Shaders, Oculus Quest 2, HTC Vive, C#, Unity, Database, API, Webservices, Code Design, Code architecture Software Developer, OverIT - Field Service Management, Milano September 2021 — September 2022  I have worked on AR technlogies with Microsoft Holens 2 for the SPACE1 division to develop new solutions for the Field Service Menagement and the Augmented Collaboration.  During my period working as a Software developer at OverIT I was able to focus on:  C#, Unity, Microsoft Hololens 2,  VR technologies, Database, Online Server, API, Webservices, In-Depth Code optimization, Code Design Software Developer (C# - Unity), UpSurgeOn Srl, Milano March 2020 — September 2021  UpSurgeOn develops an advanced sequence of virtual and physical technologies designed to support mental and manual training for young neurosurgeons. The goal of the company is to solve the problem of practice in neurosurgery which is a global healthcare emergency.  During my period working as a Software developer at UpSurgeOn I was able to focus on:  C#, Unity, Online Stores Management, ARCore - ARKit, Shaders, UI, In-Depth Code optimization, Services (Savings, In-App Purchase, News), Database, Online Server API, Camera Behaviours. Professor of "Shader Basics", TheSign Comics & Arts Academy, Florence October 2019 — March 2020  TheSign Comics & Arts Academy is a private university that offers courses on all kinds of subjects related to game development.  After my graduation, the academy offered me a six months job as a professor to teach new programmers my thesis' topics. It was a very incredible experience that helped me to become more aware of my knowledge. EducationGame Programmer, Event Horizon School / TheSign Comics & Arts Academy , Florence September 2016 — September 2019  Final thesis: Shader (CG-HLSL).  Three-year course with focus on:  C#, C++, Unity, Teamwork, Working with artists and designers, working with other developers, multiplatform. Computer Engineering, University of Pisa, September 2014 — November 2016  Although I didn’t complete the course, I spent two years attending classes and exams.  I learned the principles of Programming, OOP, and attended courses of Algorithm and Data Structures, Operating System, Math and Physic CoursesShader Development using Unity, https://shaderdev.com/p/shader-development-using-unity-5 January 2018 — January 2019 Extra-curricular activitiesReceptionist at Dimora Antico Borgo, Terricciola January 2012 — January 2019  To pay for my studies I've joined the family business handling social media and welcoming customers for our B&B/apartment service in Tuscany. There I learned how to work and relate with people. | Details Milan, Italy +39 3935667302  [giacomo\_vanni@yahoo.it](mailto:giacomo_vanni@yahoo.it) Nationality Italian Date / Place of birth 22/11/1993  Pontedera (Pisa) Links [Portfolio with all of my projects](https://giacomovanni.github.io/) Skills  |  |  | | --- | --- | | C# | | |  |  |  |  |  | | --- | --- | | Unity | | |  |  |  |  |  | | --- | --- | | Git | | |  |  |  |  |  | | --- | --- | | AR/VR | | |  |  |  |  |  | | --- | --- | | Shader (CG - HLSL) | | |  |  |  |  |  | | --- | --- | | C++ | | |  |  |  |  |  | | --- | --- | | OOP | | |  |  |  |  |  | | --- | --- | | HTML-CSS | | |  |  |  |  |  | | --- | --- | | Working with Designers/Artists | | |  |  |  Languages  |  |  | | --- | --- | | Italian | | |  |  |  |  |  | | --- | --- | | English | | |  |  |  Hobbies Videogames, Card games, Tennis, Skiing, Cooking |