



# Gabriele Garofalo

## Game Programmer



gabevlogd



in/gabevlogd/



Website

### Main Skills

C++

C#

Unreal Engine

Unity

Physics

Math

OOP

GitFlow

### Studies

● **Event Horizon School (2022 - 2025)**  
Game Programming diploma at  
Event Horizon School in Milan

^ **Physics | University of Milan (2018 - 2022)**  
Studied physics at the University of Milan

^ **Art High School Diploma (2018)**  
Graduated from an Art High School  
with a specialization in Graphic Design

### Languages

Italian - native  
English - B2

### Contacts



Venegono Inferiore, VA, (Italy)



+39 348 752 8310



gabrielegarofalo999@gmail.com



<https://gabevlogd.github.io>

### Experience

● **System/Gameplay Programmer** (10/2024 - Present)  
**@Villains Studio**

- Developed the complete movement system for an action third-person shooter, focusing on gameplay feel, reactive camera, and responsive input.
- Implemented the Encounter System for AI spawns and waves in a Doom-like arena shooter, including procedural wave generation for endless mode.
- Supported artists and designers with Unreal Engine tools, asset integration, and Git Flow version control.

[Project Link](#)



^ **Game Programming Teacher** (02/2025 - 11/2025)  
**@Event Horizon School**

- Mentored first- and second-year students in OOP (C# & C++), design patterns, physics/3D math, game engine usage (Unity/Unreal), and software architecture best practices.
- Taught an introductory Unreal Engine 5 Visual Scripting course to game design and 3D art students, adapting content to each role's perspective.

^ **Unreal Engine Tools Developer** (03/2025 - 08/2025)  
**@Freelance**

- Developed a high-performance state machine plugin for Unreal Engine 5.x, enabling scalable Actor behavior management.
- Released the plugin on FAB Marketplace as a free tool for hobbyist and professional developers.
- Produced role-specific documentation for beginner and advanced users.
- Ensured seamless integration with Unreal Engine workflows across versions.

[Project Link](#)



^ **System/Gameplay Programmer** (02/2024 - 11/2024)  
**@Student Project**

- Built a multi-character player control system for a Portal-like puzzle game, with dynamic camera transitions.
- Managed the full Steam release pipeline, integrating Steamworks and API features such as achievements and cloud saves.

[Project Link](#)

