

# Simeone Ambrocio

## Game Developer

Professional developing games, game tools, custom videogame engines and interactive software. Tend to work with good communication, flexibility, teamwork, dedication and attention to detail. Like to take the initiative.



<https://simeone0647.github.io/>

### PERSONAL INFORMATION

Age: 25  
Nationality: Mexican  
Languages: Spanish (Native), English

### SKILLS

- Videogame engines
- Tools
- Gameplay
- Audio
- UI

### LANGUAGES

- C++
- C#
- HLSL/GLSL
- Python
- HTML5/CSS/JavaScript
- Dart

### TECHS / FRAMEWORKS / TOOLS

- Unreal Engine 4/5
- Unity
- DirectX 11
- OpenGL
- SFML
- Flutter
- ImGui
- FMOD
- Git
- Perforce

### CONTACT



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### EDUCATION

#### Videogame Development Engineering

Universidad de Artes Digitales, Guadalajara, Jalisco, Mexico

August 2019 - December 2022

Career focused in the process of videogame development, commercial videogame engines usage and generation of tools for videogames in C++.

### EXPERIENCE

#### Carbon Machina [March 2023 - January 2025]

Gameplay, audio, and tools programmer for the upcoming game Heaven Crawler.

Worked on American Trail. A game made in Unity for the "Just Play" game jam.

C#, Audio System, Scene Management, Tools, Gameplay, UI, Dialogue System, Cameras system, Elemental system, Inventories.

#### Attribute Overload [March 2023 - December 2023]

Frontend developer of an interactive audio software made in Unreal Engine 4.

C++, Blueprints, Audio, UI.

#### Carbon Machina (Internship) [August 2021 - August 2022]

Helped to develop the studio's framework on Unreal Engine and developed some of the main character's weapons logic and a crafting system in the unreleased game Blackbox Paradox.

C++, Blueprints, Gameplay, Framework, Crafting System.

#### Capture and generation of hyperspectral images simulator (Independent)

A school project about a simulator that generates hyperspectral images made in Unreal Engine 4. Responsible of the real-time image capture and export system. [Publication in Progress] (May 2021 - December 2022).

C++, Blueprints, Materials, Export System, Images.

#### Boo Engine (Independent) [September 2021 - Present]

Videogame engine made from scratch. Includes a math library, engine's core, 3D model loading, actor-component system and actor instantiation, renderer and graphics modules and a connection with the collaboration software NVIDIA Omniverse.

<https://youtu.be/mfRMzHacc5I>

<https://youtu.be/4jd2eb8WBSY>