






STEVEN LAMERLY

GAMEPLAY PROGRAMMER C++

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 Driving License - vehicle

PROGRAMMING SKILLS

PROGRAMMING LANGUAGES

- C++
- C#

ENGINES

- Custom engine (SDL, OpenGL)
- Unity
- Unreal Engine

ANALYSE AND CONCEPTION

- UML
- SysML

PROJECT MANAGEMENT

- Agile Scrum method
- Git
- Perforce
- Team management

LANGUAGES

French - Native

English - Proficient

Spanish - Basic

SOFT SKILLS

Listening quality

Adaptability

Hard worker

Crisis management

HOBBIES

SCOUTING

8 years

SPORTS

Judo (5 years), Rowing (9 years)

MUSIC

Drums (5 years), Bass (4 years)

VIDEO GAMES

4X, Action, FPS, Strategy

EXPERIENCE

2025 - GRADUATION GAME PROJECT

Unreal Engine, C++, Blueprint

- Team management
- Product documentation
- Sublevels loading systems
- Progress system (save and checkpoints)
- UI (Main menu, Debug menu and Pause menu)
- WWISE integration

2024 - 3D FPS PROJECT

C++, Custom engine (SDL, OpenGL) - Personal project

- Collision and physics system
- Raycast system
- AI: patrol, detection, attack
- Animations: AI hit and death, weapon fire, reload, movement

2023 - ACCESSIBLE CO-OP GAME

Unreal Engine, Blueprint - Montpellier Town Hall

- Projection and play on the wall of a historic monument for the *Cœur de Ville en Lumière* event
- Participation in the gameplay design development
- Creation of a tutorial system with its UI
- Integration of sound and graphic assets

2023 - RTS SYSTEM

C++, Custom engine - Personal project

- Integration of A* into a custom engine
- Movement of several units in formation
- Scrolling of the map as units move

2019 - IT INFRASTRUCTURE MANAGEMENT

Symfony, HTML, CSS, PHP, MySQL - Engie-Ineo Toulouse

- AsIs analysis and business needs
- Creation of the Front-end with a web application
- Creation of the Back-end (authentication, authorization, database...)
- Integration and deployment on a Windows server

EDUCATION

2025 - MASTER IN GAME PROGRAMMING

ArtFX - Montpellier France

2019 - TECHNICAL UNIVERSITY DEGREE IN IT

IUT of Blagnac - University Jean Jaurès - France

2016 - HIGH SCHOOL DEGREE IN DIGITAL AND IT SYSTEM

High School Louis Rascol - Albi - France

2015 - CERTIFICATE OF TRAINING IN FIRST AID

Albi - France