François Ségaud

SENIOR PROGRAMMER | AMPLITUDE STUDIOS

*F*rench Guy. Technology enthusiast. Amateur Photographer. Compulsive reader and casual writer. I'm a senior programmer at Amplitude Studios. Over the years I have explored multiple fields such as <u>audio</u>, <u>networking</u> and <u>gameplay</u>. I've worked on several released titles including Humankind, the Endless franchise, or Stellar Impact. I've also spent eight years of my free time volunteering as a first aider for the French Red Cross.

🏷 TECHNOLOGIES

Primary Skills	Unity3D C# .Net Audio Wwise Steamworks Networking SVN Git
Secondary Skills	C/C++ SQL Unix Shell CI/CD (Gitlab)
Aversions	Web Java Flash

🖥 EXPERIENCE

2012 Now Senior Programmer - Amplitude Studios (SEGA)

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Audio
Development of the audio asset pipeline. Integration of the Wwise Authoring API (WAAPI). Development of audio features such as interactive music, terrain-dependent ambiant sound, SFX, audio focus system or unit voices.

Networking
Development of a platform-agnostic multiplayer framework that handle desynchronization detection, hot-join, host migration and real-time compression.

Gameplay
Development of several key features of *Endless Space 2* such as the political system, the population simulation or the diplomatic interactions.

Titles
Humankind, Endless Space 2, Endless Legend, Dungeon of the Endless, Endless Space.

2010 Game Programmer - Tindalos Interactive

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Networking
Development of resilient and interconnected servers to handle dispatching, profile storage, chat, and auto-update in a hybrid hard/cloud environment based on the Linux operating system.

Prototyping
Prototype of a complete level of a squad-based game, including gameplay, AI, and UI.

Misc
Helped on different tasks from VFX and lighting to UI and tools.

Titles
Stellar Impact, Bunker Constructor.

🎓 EDUCATION

2009 BSc Computer Games Programming - Teesside University

2009 Licence Informatique - Université de Limoges

2007 DUT Informatique - IUT du Limousin

✔ CERTIFICATIONS

SST - Sauveteur secouriste du travail (Occupational safety and health).

H0B0 - Habilitation électrique non-électricien (Electrical certification for non-electrician workers).

Incendie - Formation extincteurs et évacuation (Fire training: fire extinguishers and evacuation).

François Ségaud
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Last update on feb. 2020.