

Thomas Porta

Location: UK, EU

Portfolio: thomasporta.github.io | Email: thomasp2049@protonmail.com | Assets: [Unity Assets](#)

GAME PROGRAMMER

I am an ambitious and driven programmer who loves when games come together as the designers envisioned them. I see myself as enabling designers to express themselves. I am highly competent in several programming languages including C++, C#, Python, Lua and HLSL. I can work in both Unity and Unreal as well as any Engine that is built on C++. I can program shaders and build them in shader graphs. In my free time I also develop games - I am currently continuing development of Evil Incremental, a project I started at the NFTS. I am French and have the right to work in the EU and the UK.

TECHNICAL SKILLS

Languages	: C++, C#, HLSL, Python, Lua, Assembly (Debugging)
Unity Engine	: C#, Physics, Shaders (CG, HLSL, Graphs), Built-in RP and Universal RP, Mobile Development
Unreal Engine	: Blueprints, C++ integration
Tools	: Maya, Photoshop, Blender, Visual Studio Code, Playdate SDK, Git

EXPERIENCE

Machine Learning Programmer <i>D'Angelin & Co</i>	October 2020 - June 2021 <i>London - UK</i>
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EDUCATION

National Film and Television School <i>MA - Game Design and Development</i>	2022 - Present <i>Beaconsfield - UK</i>
<ul style="list-style-type: none">• Dissertation: Why are Immersive Sims so Immersive?	
UCL <i>MSc - Machine Learning</i>	2019 - 2020 <i>London - UK</i>
<ul style="list-style-type: none">• Grade: Distinction• Dissertation: Meta-Learning for Forecasting	
McGill University <i>BSc - Physics and Computer Science</i>	2015 - 2019 <i>Montreal - Canada</i>
<ul style="list-style-type: none">• Dissertation: Using Gradient-Descent to find the Many-Body Localisation phase	
Lycee Francais Charles De Gaulle <i>French Baccalaureate</i>	2004 - 2015 <i>London - UK</i>

PROJECTS

<u>Sirenum (PC)</u>	<i>Unity 3D, C#, Maya, Blender, CG, HLSL, Post-FX Shaders</i>	Itch.io
<ul style="list-style-type: none">• First Person Puzzle Game with multiple endings. Made in 1 month. Soon to be released on Steam.		
<u>Evil Incremental (Android)</u>	<i>Unity 2D, Mobile/Android Dev, C#, UI, Machinations</i>	Itch.io
<ul style="list-style-type: none">• Incremental game for Android. UI only. Upcoming Google Play release. 10000+ players from Itch Release.		
<u>Shadows Of Them (PC)</u>	<i>Unity 3D, C#, Unity Audio, Maya</i>	Itch.io
<ul style="list-style-type: none">• First Person Psychological Horror Game. Made in 6 weeks. Develop Indie Showcase Finalist 2022.		
<u>Project Train (PC)</u>	<i>Unity 3D, C#, Wwise, Maya, Shaders, Shuriken Particle System</i>	Itch.io
<ul style="list-style-type: none">• First Person Retro Shooter. Made in 2 months.		

HOBBIES

Photography of brutalist buildings, mixing techno music, running, football, reading about Physics and our incredible universe.