

BRUNO PREGUN

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SUMMARY

I am a freelance game programmer and designer with several years of professional experience in the games industry. Driven by passion for creating immersive experiences, engaging gameplay mechanics, and compelling virtual worlds and narratives.

EXPERIENCE

Freelance Game Engineer at YAGER (March 2022 – June 2023)

https://store.steampowered.com/app/868270/The_Cycle_Frontier/

- Developing and supporting a live service extraction shooter game in UE4
- Focus on meta/progression mechanics and UI engineering support
- Working with online infrastructure and backend platforms (Azure, Playfab)
- Implementing support for third party APIs (Twitch Drops, Gamesight)
- Working and collaborating with a diverse multicultural team

Game Programmer at GAMEPIRES (October 2017 – March 2022)

<https://store.steampowered.com/app/513710/SCUM/>

- Developing and supporting a multiplayer survival game in UE4
- Successfully leading a team of programmers, animators, and artists to deliver a major content update
- Designing, implementing, and monitoring gameplay features in a live multiplayer environment
- Designing and implementing UX and UI solutions for various game systems
- Authoring in-house tools for level design and art departments
- Designing materials and shaders for various special effects

SKILLS

- Programming (C++, UE4, C#, JS)
- Scripting
- Computer Graphics
- 3D Modeling (Blender)
- Tech Art
- Game Design
- Level Design
- UI Design
- Teamwork & Collaboration
- Fluent in English

SIDE PROJECTS

- Cloth and Particle Simulation using OpenGL (student project)
- Modeling and Visualization of Virtual Interiors (student project)
- Basic low-level software rasterizer using pure C code
- Custom 2D game engine for personal projects
- Simple note-taking and mind mapping javascript web app
- Several short Unreal Engine 4 games for game jams

Side projects available at:

<https://github.com/burstsort?tab=repositories>

EDUCATION

Faculty of Electrical Engineering and Computing, Zagreb, Croatia

- (2015 – 2017) Master's degree, Computer Science
- (2010 – 2015) Bachelor's degree, Computer Science