

MARTIN PALKO

TECHNICAL ARTIST

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EXPERIENCE

Technical Artist – Crytek GmbH. (July 2015 – Current)

As a Technical Artist at Crytek, I'm responsible for developing scripts and plugins for 3ds Max and Sandbox, as well as standalone tools. I work closely with the environment artists to develop new workflows, as well as to address pain points and improve existing workflows.

Unity Developer - Ratrod Studio Inc. (May 2014 – December 2014)

I worked at Ratrod Studio as a Unity Developer. I was able to fill a variety of roles ranging from gameplay programming, to build engineering, to technical art and shader development. While at Ratrod, I designed and implemented a multiplatform build automation pipeline, wrote an array of tools, and created a custom shader library. I was also responsible for player physics, animation, and graphical effects on "Snowboard Party".

Freelance 3d Artist - Pub Games, Lukewarm Media, Isotx, Tankrush Ltd (December 2011 - March 2014)

During college, I worked on and off as a Freelance 3d Artist for a number of projects such as Primal Carnage, Mideast Crisis, and the Iron Grip franchise. I worked with the on-site developers to understand the project's needs, and ensure my work met their requirements.

PROJECTS

Robinson: The Journey – Crytek (PSVR)

The Climb – Crytek (Oculus Rift)

Snowboard Party – Ratrod Studio (iOS, Android, Windows Phone, Windows 8, OSX)

Renegade-X – (Windows)

SKILLS

- Shader and material creation both via code, and node based editors
- Performance profiling and optimization
- High and Low resolution hard-surface modeling
- UV mapping and texture baking
- PBR texture creation
- Tool & UI development
- Plugin development
- Debugging
- Gameplay programming

Engines: Cryengine, UDK, Unreal Engine 4, Unity

Languages: C++, C#, Python, Maxscript, Cg/HLSL, CMake

Software: 3ds Max, Photoshop, Substance Painter & Designer, Visual Studio

UI: Qt, Win32, Windows Forms, WPF, Unity IMGUI

EDUCATION

Algonquin College (September 2011 - April 2014)

Game Development - 3 Year Advanced Diploma