

Shiloh Terra Schwartz

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Portfolio: plushcatboy.github.io

Summary

Indie game developer and 3D artist with 5+ years of experience programming, modeling, and animating games. Shipped two titles on Steam and currently leading development on KNOCKOFF, a horror-themed 3D beat 'em up built in Godot (GDScript). Skilled at delivering full-stack gameplay systems from netcode to shaders to AI/UX pipelines.

Key Skills

- Unreal (C# / C++)
- Unity
- Godot 3.5 / 4 (GDScript / C++)
- Multiplayer & Netcode (Steam P2P rollback)
- Procedural generation & game systems design
- UI/UX: custom UI supporting multiple controllers & players
- Shader development & lighting for 3D environments
- 3D modeling, texturing, rigging & animation (Blender/Maya)
- AI development: state machines, pathfinding, and neural networks
- Python scripting for tools & automation

Game Development Experience

Lead Developer of PLUSHCATBOY LLC.

Released two games on Steam, handling programming, art, and design independently:

- *KNOCKOFF*, a horror-themed 3D isometric fighting game.
- *PHOBOS PSYCHODEATH*, experimental 3D FPS.

Built **KNOCKOFF** with:

- Implemented custom Peer to Peer netcode.
- Programmed procedurally generated mall levels
- Programmed custom UI supporting multiple controllers and players.
- Designed AI systems: state machines, pathfinding, and early neural network experiments.
- Implemented custom physics systems
- *Modeled, textured, and animated all characters, enemies, weapons and levels.*
- Optimized asset workflows across Blender, Maya, and Godot.

Programmer – IRISS Weather Instruments | Apr 2020 – Apr 2021

- Developed Python programs to optimize algorithms for scientific instruments.
- Managed and formatted large datasets for weather research.

Additional Work Experience

- Front Desk / Customer Service – Denver Scrap Metal (2020)
- Resident Advisor – University of Colorado (2020)
- Ramp Agent – Menzies Aviation (2022)
- Receptionist – Emmanuel Art Gallery (2023–2024)

Education

University of Colorado – Computer Animation (2020 - 2026) • GPA 3.1
Cherry Creek High School – GPA 3.8, SAT 1370