

Steve Grossman

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SUMMARY:

UC Irvine Computer Science graduate with expertise in software engineering, game audio, and musical composition. Passionate about using technical and creative skills to produce immersive audiovisual experiences.

EXPERIENCE:

SYGO Studios – Remote **November 2020 - Present**
Gameplay Programmer and Audio Lead

- Implemented persistent asynchronous save system for an unreleased game in Unity.
- Solely responsible for audio implementation, sound design, and music composition.
- Created an audio management system extending FMOD Unity integration source code.
- Worked on character animation mechanics and in-game UI for inventory system.

Xifin, Inc – San Diego, CA **August 2020 - November 2020**
Cyber Security Analyst

- Remediated security vulnerabilities in Python and C# multi-tenant cloud applications.

Puzzle Mirror Studios – San Diego, CA **December 2019 – August 2020**
Principal Software Engineer

- Implemented AI pathfinding algorithm and audio design for a 2D puzzle game in Unity.

Human Longevity, Inc. – San Diego, CA **March 2017 - August 2019**
Engineer I Software, Information Security

- Wrote automation utilities in Python for code analysis and infrastructure hardening.

TOOLS

Programming: Python (6 years), C# (3 years), C++ (3 years), x86 Assembly (1 year).

Development Tools: Unity (3 years), Git (5 years), Visual Studio (5 years), Blender (1 year).

Audio Tools: Wwise (2 years), Fmod (1 year), FL Studio (9 years), Reaper (1 year).

Infrastructure: AWS (4 years), Terraform (4 years), Team City (2 years), Vagrant (2 years).

SKILLS

- Software engineer well versed in all aspects of the game development process.
- Strong 3D mathematics and game physics programming skills.
- Sound designer proficient in multiple game audio implementation tools and DAWs.
- Composer and multi-instrumentalist skilled at creating music in various genres.
- Audio Engineer with extensive experience in synthesis, mixing, and mastering.
- Highly collaborative team member with strong written and oral communication skills.

EDUCATION

University of California, Irvine - Bachelor of Science, Computer Science (2016)

GIAC Security Essentials Certification (2019)

Wwise 101 Fundamentals (2020)

PERSONAL PROJECTS

- Created a synthesizer plugin in C++ using JUCE. Download it [here](#).
- Programmer, audio lead, and artist for GameDev.tv 2020 jam. See the [code](#).
- Developed visual algorithm to draw fractals using P5 Javascript. See the [code](#).
- Working on an automated web scraper using Python. See the [code](#).