

EMMETT PALAIMA

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PROFESSIONAL SUMMARY

Artist, musician, programmer and electrical engineer, specializing in the creative application of audio technology. Experience in installation art, product design, and performance. Excellent technical, problem solving, and creative skills.

SKILLS

Electrical Engineering	Generative and Interactive Audio
Circuit Board Design	Synthesis and Sound Design
Software and Firmware Programming	Guitar Performance
Digital Signal Processing	Music Composition
Digital Fabrication	User Interface Design

WORK HISTORY

Sound Technologist • *Meow Wolf*

Santa Fe, United States • April 2018 to Current

Provide for audio technology needs of large scale immersive art installations, including:

- Creative direction, interactive and generative audio, musical robotics, composition and sound design
- Collaborative work with other artists
- Circuit board design
- Software and firmware programming
- Work on projects for Meow Wolf Denver, Meow Wolf Las Vegas, and the House of Eternal Return Installation in Santa Fe, NM

Freelance Guitar Pedal Designer • *Dwarfcraft Devices, J. Rockett Audio Designs*

Remote • June 2016 to Current

Design of guitar effects pedals, including:

- Two commercially released designs: The 'Ghost Fax Phase Computer' and the 'Haxx II Ring Modulator / Filter Pedal'
- Mixed signal circuit board design
- Firmware implementation of DSP (Digital Signal Processing) algorithms
- Creative design of audio effects

Guitarist • *Elizabeth Colour Wheel*

January 2014 to Current

Play guitar with the internationally touring band Elizabeth Colour Wheel, signed to The Flenser record label.

The Sound of Dreaming • *Nona Hendryx, Dr. Richard Boulanger*

January 2017 to August 2017

Took part in the production and performance of an electronic opera entitled 'The Sound of Dreaming', which premiered at Moogfest 2017 with a repeat performance at Mass MoCA.

Electronic Production and Design Department Tutor • *Berklee College Of Music*

Boston, Massachusetts • January 2017 to June 2017

Worked as tutor helping students with all aspects of the Electronic Production and Design curriculum, including audio production software, audio programming, and sound design.

EDUCATION

Bachelor of Music - Electronic Production And Design • *Berklee College of Music*

Boston, MA • 2017

- Designed a reverb plug-in using JUCE/C++ as thesis project
- Graduated Summa Cum Laude, with Minor in Acoustics and Electronics