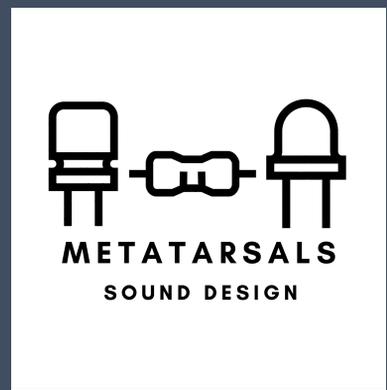


LUKE R WORGAN

Sound Design. Electronic Music.
Instrument Development.



Multi-skilled creative technologist with a keen interest in applying innovative digital technologies to audio-visual compositions, and interactive, non-linear applications.

luke@metatarsals.net
metatarsals.net

CV & Portfolio

Sound Designer (Self Employed)

Metatarsals Sound Design, September 2016 –

Software Instruments:

Working closely with the development team at Physical Audio on a physical modelling plugins, including the recently released 'Derailer'. Responsibilities include the creation of a preset library, 'help' files and providing beta testing and feedback on the UI to the development team.

physicalaudio.co.uk

Location Sound Recording, Edit and Sync:

Location recordings of multiple seminar speakers for use as online 'webinars'. Set up of microphones and recorders, audio edit and clean up (Pro Tools/Audition/RX) and sync.

Live Sound:

Managing live sound at small venues in Bristol and London. In addition to controlling the live sound, Responsibilities include ensuring load-ins and sound checks are completely, as well as providing technical support to performers.

Instrument Repair and Modification:

Providing repair services for synthesisers, amplifiers and other electronic music equipment, and monitoring headphone modifications (driver and cable upgrades and balancing).

Senior Audio Visual Technician

The Music Rooms (London), December 2015 – May 2016

Responsibilities included taking bookings for rehearsal and recording sessions, setting up and maintaining equipment (including amplifiers, speakers and instruments). Arranging hire equipment and on-site technical support at large events.

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Education

University of the West of England (UWE)
Creative Technology MSc, 2018 -2019

This course focuses on employing creative solutions to a range of audio, visual and interactive applications. Through a number of robust, modules, specific to my practice, I will be refining my creative coding skills, enabling me to work on a wider range of formats, and multi-media projects, such as VR, 3D games, mobile applications and machine learning/AI.

London South Bank University
Sound Design BSc, 2015 – 2018
First Class (Hons)

Over the course of my three years at London South Bank, I have expanded and refined my skills and knowledge in relation to Studio Recording, Foley Recording, Sound on Film, Game Sound Design, Synthesis, Sampling and instrument development. My focus throughout my final year (2017/18) looks at 'liveness in electronic music in the age of the laptop' in addition to developing a number of compositions using various musical and non-musical devices.

Administrative Roles

The below roles are primarily pensions based and have helped me to build on my communication, numerical and analytical skills. Through my work as a project coordinator, I have developed the ability to prioritise and manage a busy and varied my workload, whilst supervising junior colleagues and providing technical support.

Day Cooper Day
Project Administrator, 2016 – 2017

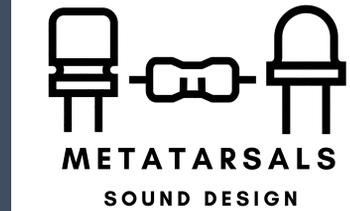
Brooklands Pensions
Project Coordinator, 2014 - 2015

Now Pensions
Pensions Specialist, 2015 (contract)

IPS Pensions/James Hay
Pensions Administrator, 2008 – 2014

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Example Work

Sensor-based Instruments

These demo videos give an overview of my recently developed prototype sensor-based instruments; *Twinkler*, a light controlled MIDI instrument; and *Gripper*, a sensor-based glove. Both devices employ Arduino microcontrollers, analogue and digital sensors and MaxMSP to communicate with and control virtual instruments, analogue hardware devices and custom video synthesis patches.

<https://bit.ly/2ldTh6P>

Compositions

The links below provide examples of my recent compositions as an electronic musician. These techno and IDM inspired tracks utilise a considerate and methodical approach to synthesis and sound design, with the most recent release *Jazzidents*, featuring my sensor-based instruments throughout.

Taffarel – '*Jazzidents*' Demos (2018)

<https://soundcloud.com/metatarsals/sets/sensor-instruments/s-fBeht>

Taffarel - '*Parma Calcio*' (2018)

<https://soundcloud.com/metatarsals/sets/taffarel-parma-calcio>

Metatarsals – '*First*' (2017)

<https://soundcloud.com/metatarsals/sets/first>

Technical Skills and Experience

Pro Tools

Logic X

Ableton Live

OpenFrameworks/C++

Unity 3D

MaxMSP

Arduino

Raspberry Pi

PureData

Kontakt/Reaktor

Adobe Audition

Final Cut Pro

Sound Engineering

Electronics Design

Microsoft Office