

OLIVER WHORWOOD

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Audio Engineering

PROFILE

Currently a final-year undergraduate at Birmingham City University studying BSc Sound Engineering & Production with a keen interest in audio software development, looking to pursue further study and research. I used the opportunity of placement year to develop my skills both academically and socially within a workplace environment. This involved working with cutting edge digital mixing consoles.

Working with precision is one of my key assets, developed through experience in the live sound sector in which small mistakes can be detrimental to the customers experience of a show. I have been interested in audio since secondary school where I organised and promoted live music events.

I have a scientific mindset which I was able to develop as part of my degree course specifically in electronics and software development modules. This extends beyond the classroom into personal projects such as designing and building a MIDI based foot pedal based on an Arduino architecture.

Communication is essential when working in any size team. I have been able to use this skill both with the public in customer service positions and in a professional manner through freelance visual and audio work.

I am a creative individual who enjoys playing guitar and piano, both writing music and performing in a folk/rock band.

EXPERIENCE

- | | | |
|------------------|--|--|
| 7/2019 – 7/2020 | Test Engineer | DiGiCo UK Ltd |
| | <ul style="list-style-type: none">• Responsible for testing new products and software, replicating and solving user issues as well as developing and maintaining documentation.• Using initiative to develop Python scripts to automate the testing procedures GitHub / JIRA / Kanban | |
| 10/2017 – 5/2019 | Live Engineer | Live Sound Society |
| | <ul style="list-style-type: none">• Including Ragged Bear Festival and Dig Brew Co. Oktoberfest• Problem solving under high pressure situations where a methodical approach is needed to diagnose the issues• Working efficiently as part of a team which is essential in festivals with short changeover times | |
| 7/2016 – | Freelance acoustics and video production | Ideal Lifts Ltd |
| | <ul style="list-style-type: none">• Professional communication with the client to showcase the products effectively• Time management to ensure tight deadlines were met such as outputs to websites/technical presentations• Technical report writing including implementing ISO-standard techniques and structure | |
| 6/2016 | Technician/Videography | Act for Change (College Production) |
| | <ul style="list-style-type: none">• Leading a team of technicians and camera operators to run the show on time• Liaising with the creative team to develop lighting design and sound cues• Full video workflow through to DVD production and sales | |
| 8/2016 – 3/2017 | Presenter | Crawley Hospital Radio |
| | <ul style="list-style-type: none">• Clear communication during live broadcast• Preparation for shows was essential to ensure a consistent theme• Effective timekeeping to fit within the presenter slot and coincide with an external news bulletin | |
| 2/2015 – 11/2016 | Volunteer Audio Visual Technician | Horsham District Scouts |
| | <ul style="list-style-type: none">• Proactively setting up own equipment to help deliver a professional presentation• Relied on and trusted to have the venue set up ready for the event | |
| 6/2014 | Creative Media/PR Work Experience | PMW Communications |
| | <ul style="list-style-type: none">• Working on graphic design projects to set design briefs• Learning new skills in a media and communications environment such as photo editing and public relations | |

EDUCATION

2017 – Current	BSc Sound Engineering & Production Currently on track for a First	Birmingham City University
2015 – 2017	A Levels Physics (C), Chemistry (C), Geography (C)	College of Richard Collyer
2010 – 2015	GCSE English (A), English Literature (A), Mathematics (A), Further Mathematics (B), Statistics (B), Physics (A), Chemistry (A*), Biology (A), Music (A), Geography (A*), Product Design (A), ICT (Distinction)	The Forest School

OTHER EMPLOYMENT

5/2018 – 8/2018	Sales Assistant <ul style="list-style-type: none">• Self-motivation to keep on top of tasks• Stock management including handling deliveries, replenishment and displays• Personal sales technique to provide products to meet the needs of the customer	Camping World (Horsham Outdoor Events Ltd)
10/2016 – 9/2017	General Assistant <ul style="list-style-type: none">• Providing customer support directly or directing them to the appropriate colleague• Having product knowledge to inform and assist customers	Newbridge Nurseries (Blue Diamond UK Ltd)

SKILLS

Electronics

- o Digital Signal Processing
- o Circuit design – EAGLE, EasyEDA
- o Circuit diagnosis with digital oscilloscopes - Rohde Schwartz RTM 2032, PicoScope 2205A MSO

Audio Engineering

- o Digital Mixing Consoles – DiGiCo SD & S-Series, X32
- o Audio software packages – Pro Tools, Ableton Live, REAPER, Max
- o Audio software packages
- o Networking (including Dante, Waves SoundGrid)

Software Development

- o C++
- o MATLAB
- o Arduino

OTHER

- o Full UK Driving License

HOBBIES

- o T-Gauge Model Railway
- o Cycling
- o Playing and Writing for Guitar and Piano

NON PROFIT

- o Volunteer Work for Dame Vera Lynn Children's Charity including working at the charity shop and assisting at events